elpaso Production

November 15, 2001

State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Attention: Lisha Cordova

Dear Lisha:

El Paso Production requests an on-site inspection for the well location listed below. Please feel free to contact us with any questions concerning this matter.

Well Name	Legal Description
NBU # 405	NENE Sec. 27, T9S, R21E

Sincerely,

Tim Chervick

Tim Chervick
Regulatory Analyst

Cc: File

RECEIVED
NOV 30 2001
DIVISION OF
OIL, GAS AND MINING

El Paso Production
1368 South 1200 East Vernal, Utah 84078
PO Box 1148 Vernal, Utah 84078
tel 435.789.4433 fax 435.789.4436

001

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
U-01194-A-ST	State

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME: Natural Buttes

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

9. WELL NAME and NUMBER: NBU #405

3. ADDRESS OF OPERATOR: P.O. Box 1148 CITY Vernal STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7023

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 1051' FNL & 359' FEL 44Z9823N 625564E

AT PROPOSED PRODUCING ZONE:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 27 9S 21E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15 Miles Northeast of Ouray, UT

12. COUNTY: Uintah

13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
359'	1292.39	1292.39
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
Refer to Topo C	6,500	State Bond No. 400JU0705
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
4924.9' GL		To Be Determined

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	8 5/8" K-55, 24# STC	250	140 sx Premium
7 7/8"	4 1/2" K-55, 11.6# LTC	6,500	410 sx Hifill & 660 sx 50/50

RECEIVED
NOV 30 2001
DIVISION OF
OIL, GAS AND MINING

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ COMPLETE DRILLING PLAN
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Cheryl Cameron TITLE Regulatory Analyst

SIGNATURE Cheryl Cameron DATE 11/29/2001

(This space for State use only)

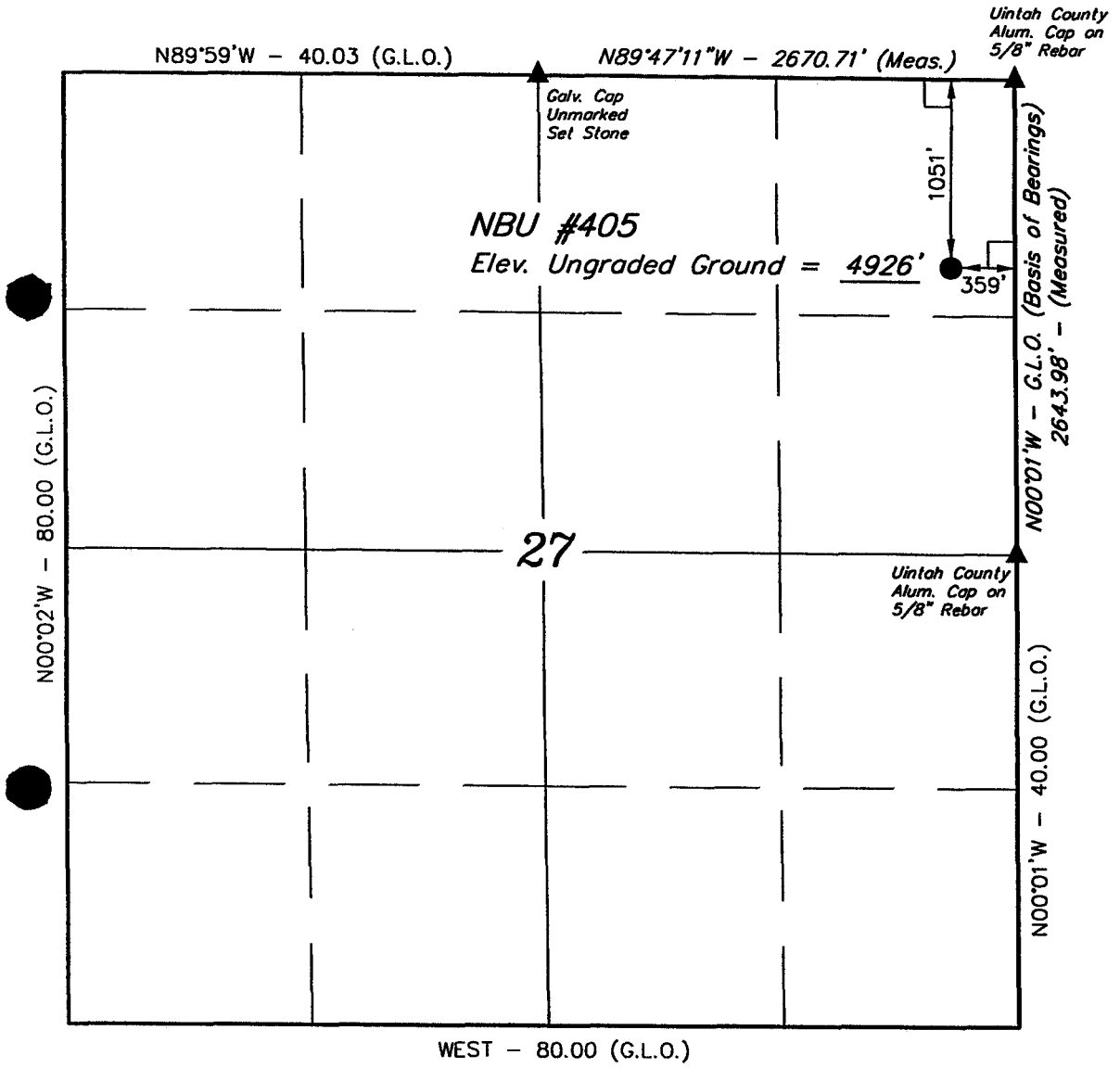
API NUMBER ASSIGNED: 43-047-34407

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 01-03-02
By:

(11/2001) (See Instructions on Reverse Side)

T9S, R21E, S.L.B.&M.



LEGEND:

└┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

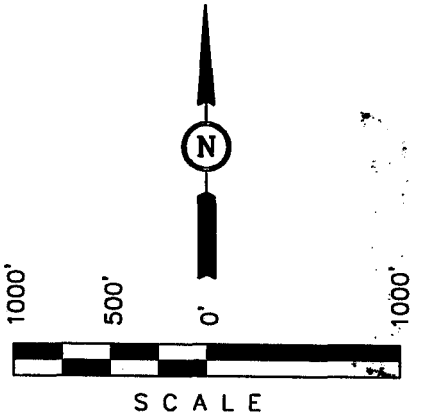
LATITUDE = 40°00'41"
LONGITUDE = 109°31'44"

EL PASO
PRODUCTION OIL & GAS COMPANY

Well location, NBU #405, located as shown in the NE 1/4 NE 1/4 of Section 27, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 25 EAM LOCATED IN THE NW 1/4 OF SECTION 27, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4961 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 10-8-01	DATE DRAWN: 10-16-01
PARTY: K.K. J.T. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: EL PASO PRODUCTION OIL & GAS COMPANY	

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405

LOCATED IN UINTAH COUNTY, UTAH
SECTION 27, T9S, R21E, S.L.B.&M.

PHOTO: VIEW FROM PIT CORNER "D" TO LOCATION STAKE **CAMERA ANGLE: SOUTHEASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHEASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	10 MONTH	12 DAY	01 YEAR	PHOTO
TAKEN BY: K.K.	DRAWN BY: P.M.	REVISED: 00-00-00		

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405

SECTION 27, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.0 MILES.

NBU #405
NENE Sec. 27, T9S-R21E
Uintah County, UT
U-01194-A

ONSHORE ORDER NO. 1
EL PASO PRODUCTION COMPANY

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
KB	4941'
Green River	1570'
Wasatch	4820'
Total Depth	6500'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1570'
Gas	Wasatch	4820'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 3,000 psi.

4. **Proposed Casing & Cementing Program:**

Refer to the attached Cement & Casing Program.

5. **Drilling Fluids Program:**

Refer to the attached Mud Program.

6. **Evaluation Program:**

Refer to the attached Logging Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 6500 TD approximately equals 2600 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1170 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

NBU #405
NE/NE Sec. 27, T9S-R21E
Uintah County, UT
U-01194-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to the attached directions to the proposed location site.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection***. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the proposed pipeline placement.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. ***The need for a reserve pit liner will be determined at the on-site inspection.***

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient

bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S,R19E.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile (s), and surface material stockpile(s).

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment

of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

State of Utah
SITLA
675 East 500 South
Salt Lake City, UT 84102-2818

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been conducted. A copy of this report is attached.

This proposed location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it within 460 feet of any non-committed tract lying within the boundaries of the Unit.

13. **Lessee's or Operators's Representative & Certifcation:**

Cheryl Cameron
Regulatory Analyst
El Paso Production Company
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Scott Palmer
Drilling Manager
El Paso Production Company
9 Greenway Plaza
Houston, TX 77046
(713) 420-4850

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

El Paso Production Company is considered to be the operator of the subject well. El Paso Production Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by El Paso Production Company Bond No. 400JU0705.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Cheryl Cameron

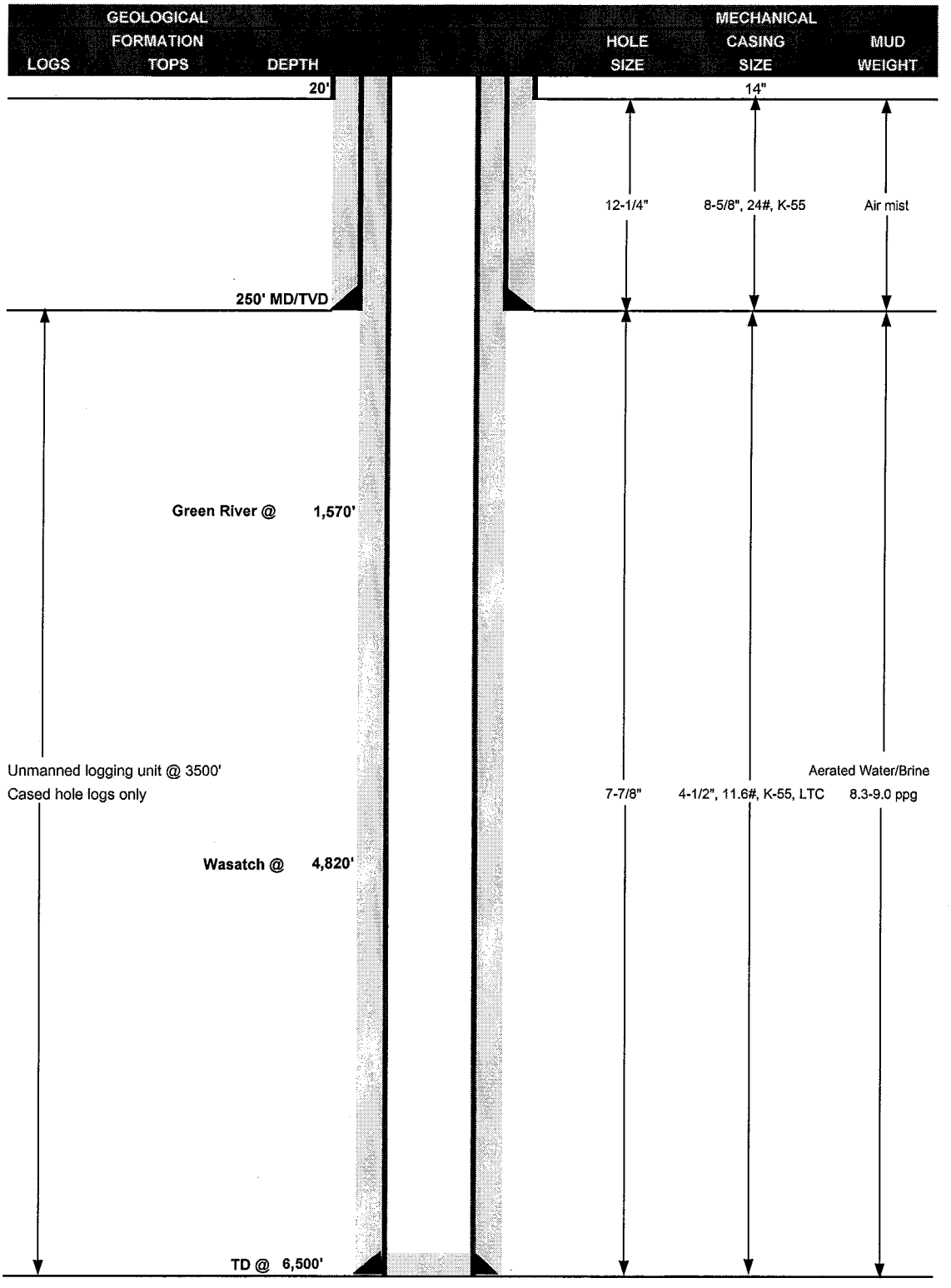
Cheryl Cameron

11/28/01
Date

elpaso Production

DRILLING PROGRAM FOR APD

COMPANY NAME	El Paso Production Company			DATE	November 21, 2001		
WELL NAME	**NBU 405**			TD	6,500'	MD/TVD	
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	4,941'	KB	
SURFACE LOCATION	1100' FNL, 415' FEL, NE/NE, SEC. 27, T9S, R21E					BHL	Straight Hole
OBJECTIVE ZONE(S)	Wasatch						
ADDITIONAL INFO	Regulatory Agencies: UDOGM, BLM, Tri-County Health Dept.						



elpaso Production

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						2950	1370	263000
SURFACE	8-5/8"	0-250'	24.00	K-55	STC	21.03	11.71	4.70
						5350	4960	180000
PRODUCTION	4-1/2"	0-TD	11.60	K-55	LTC	2.33	1.63	1.44

1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)

2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)

3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)

(Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 50000 lbs overpull)

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250	Premium Plus + 2% CaCl2	140	35%	15.60	1.18
			+ 0.125 pps polyflake				
PRODUCTION	LEAD	4,320'	Hifill	410	60%	11.00	3.82
			+ 10 pps gilsonite + 0.125 pps polyflake				
	TAIL	2,180'	50/50 POZ + 0.6% Halad 322 + 2% gel	660	60%	14.35	1.22
			+ 5% salt + 0.125 pps polyflake				

* or 15% over caliper log

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet.. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco surveys every 1000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: _____ **DATE:** _____
Dan Lindsey

DRILLING SUPERINTENDANT: _____ **DATE:** _____
Larry Strasheim

Cameron, Cheryl

From: Lakey, Carl
Sent: Thursday, November 29, 2001 12:31 PM
To: Bill Locke (E-mail); Bill McGaughey (E-mail); Don De Herrera; Hal Ivie (E-mail); Kelvin Edsall (E-mail); Lacey Smuin; Lance Morton; Les Streeb (E-mail); Mike Angus; Sam Prutch (E-mail); Aimee Miller; Autumn Piva; Bill Gabelman (E-mail); Bob Dennis (E-mail); Brad Burman (E-mail); Bradley Laney; Carrol Estes (E-mail); Carroll A. Wilson (E-mail); Cheryl Cameron (E-mail); Dale Larsen (E-mail); Dan Lindsey (E-mail); David A. Baine (E-mail); Dorothy Tapia; Hal Blanchard (E-mail); Jeff Samuels (E-mail); Katy Dow (E-mail); Keith Murphy (E-mail); Ken Nielson (E-mail); Lance Arnold (E-mail); Larry Hain (E-mail); Larry Strasheim (E-mail); Marcella Martinez; Mark Bonnie (E-mail); Martha Johnson; Sheila Upchego (E-mail); Steve Elliott (E-mail); Susan Sears (E-mail); Vern Little (E-mail); Ward Maloy (E-mail); Brad Jensen (E-mail); Fred Slagle (E-mail); Gary Lamb (E-mail); Jerry Colborn (E-mail); Val Oman (E-mail)
Cc: Degenstein, Joel
Subject: FW: Tight Hole Leland Bench 35-22

Please remember that the drilling & completions operations on the Leland well are tight and not to be discussed with anyone outside El Paso.....

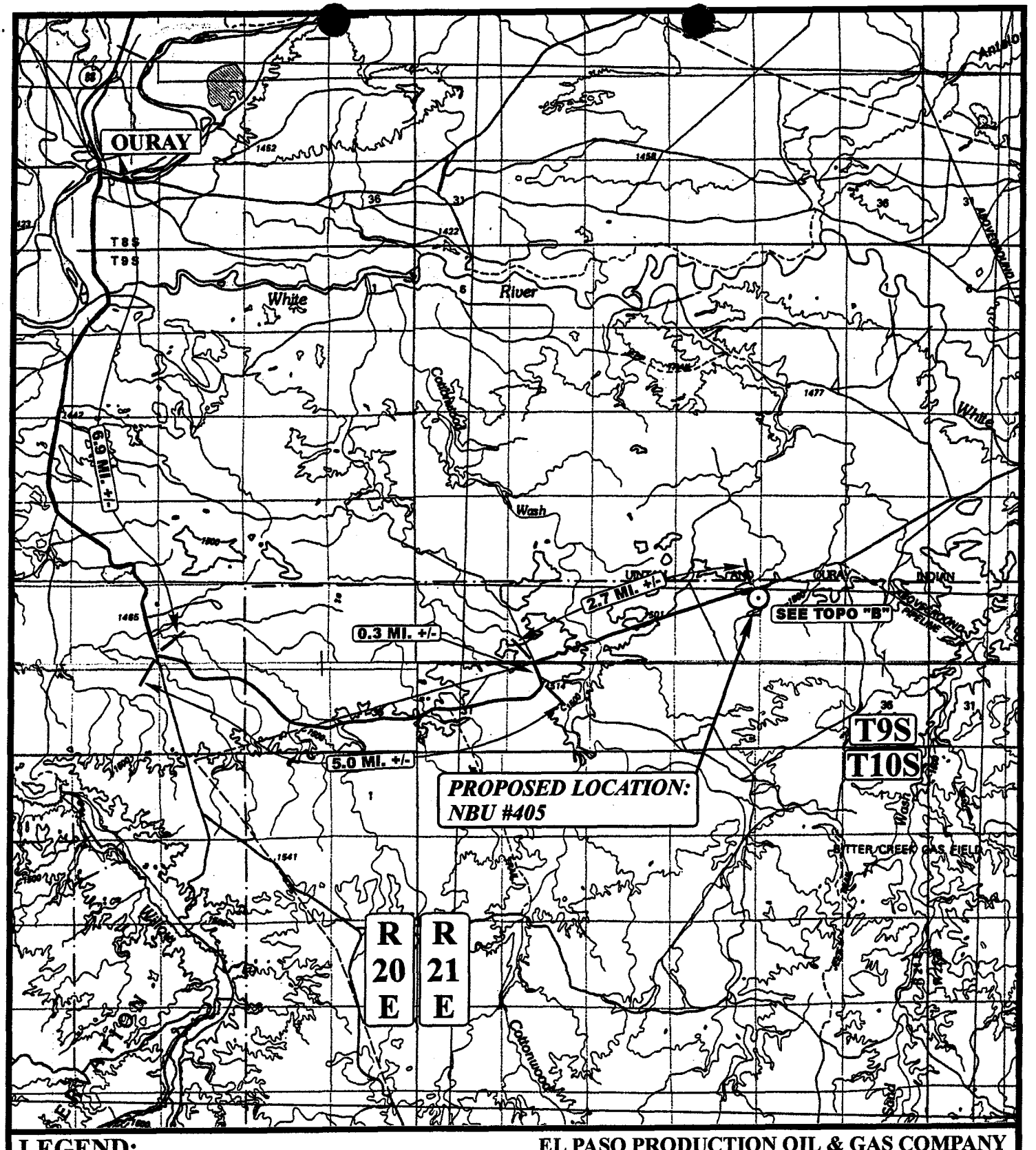
Carl E. Lakey
Rocky Mountain Production Director
El Paso Production Company
(435) 781-7001

-----Original Message-----
From: Degenstein, Joel
Sent: Wednesday, November 28, 2001 8:20 AM
To: Palmer, Scott; Conrad, Curtis; Lakey, Carl
Cc: Simmons, Bryan; Alverson, Keith
Subject: Tight Hole Leland Bench 35-22

I want to remind you to notifiy your folks that this well is a tight hole. Please make the calls to regulatory, drilling personnel, etc. We have seen on the online PI drilling wire information that the well has spud and was drilling at 686', which was Monday's report. No information should be passed to them or other scouts our industry/drilling groups unless it goes thru my group.

Thanks for your help.

Thanks.
Joel Degenstein
Utah Technical Director
Rockies Production District
El Paso Production
832-676-5933



LEGEND:

⊙ PROPOSED LOCATION

N

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405

SECTION 27, T9S, R21E, S.L.B.&M.

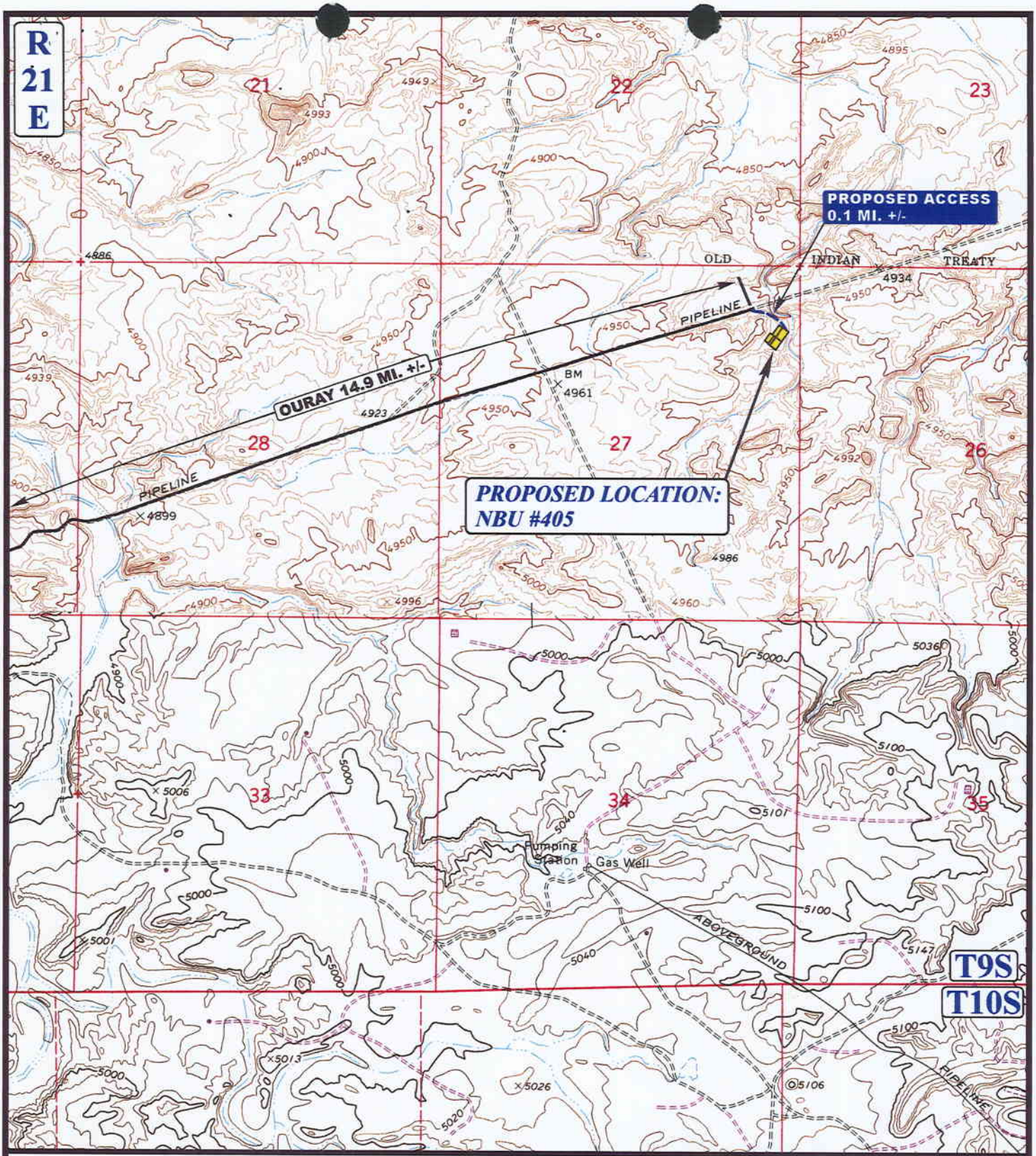
1051' FNL 359' FEL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	12 DAY	01 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405

SECTION 27, T9S, R21E, S.L.B.&M.

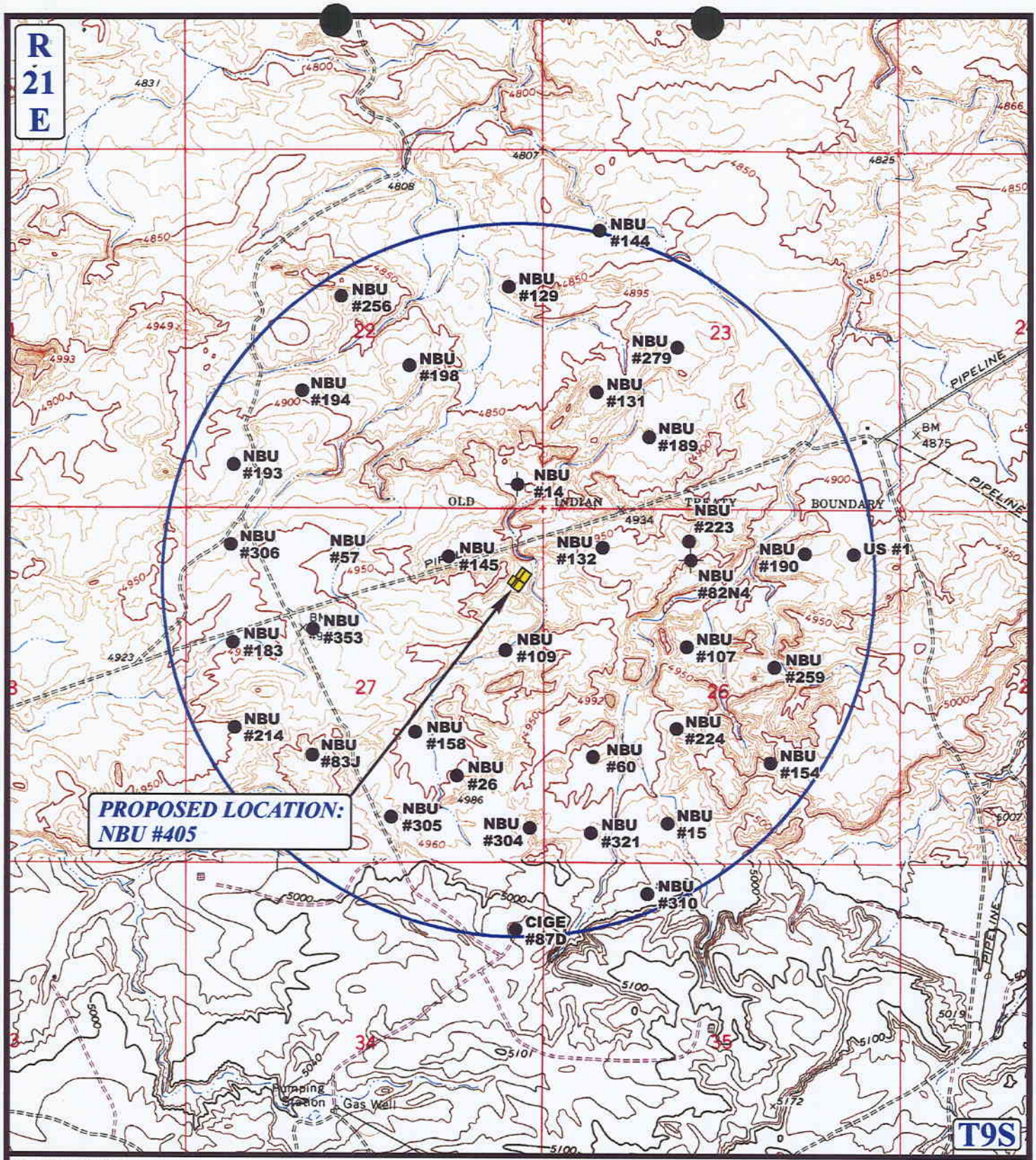
1051' FNL 359' FEL

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	12 DAY	01 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405

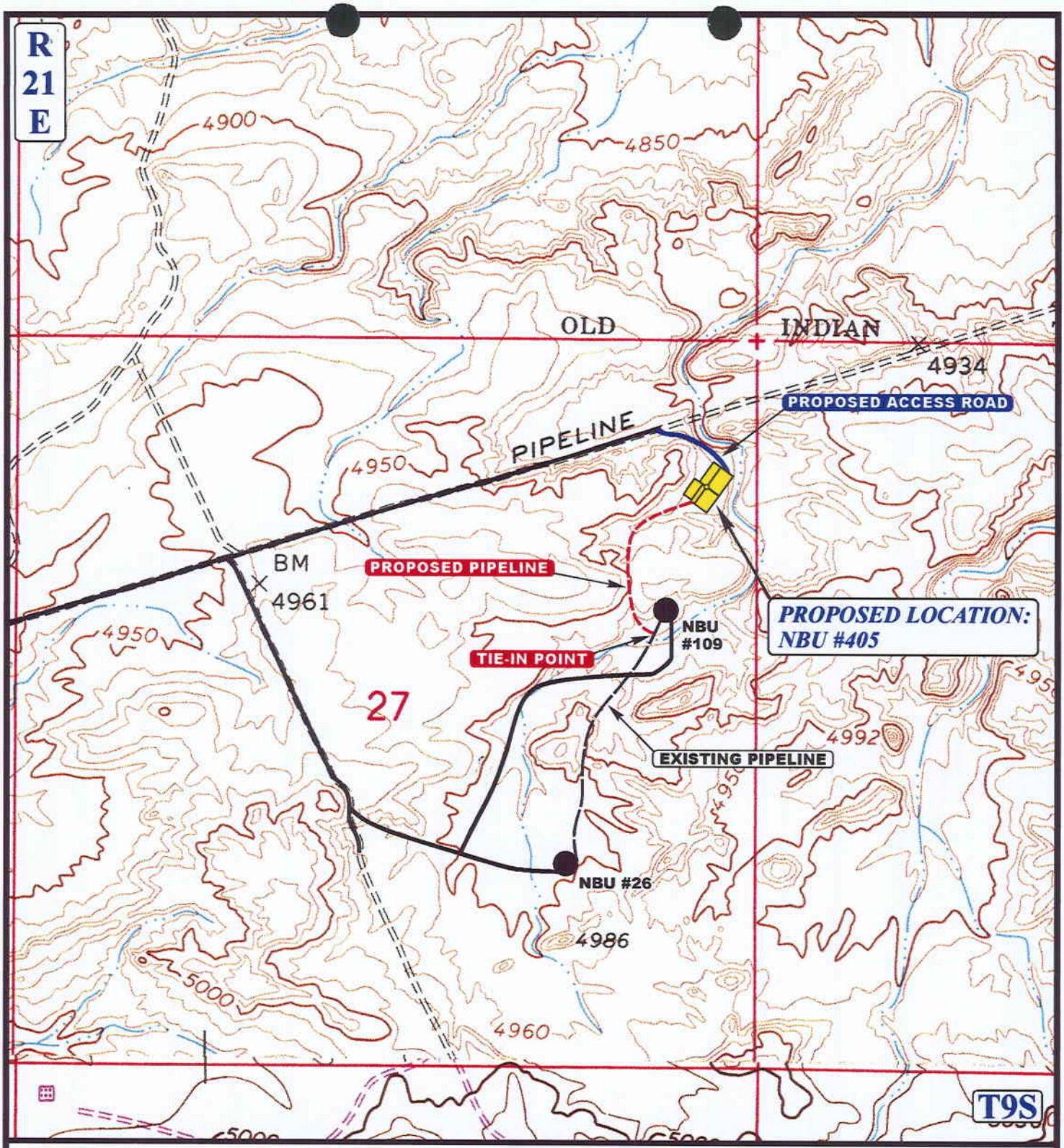
SECTION 27, T9S, R21E, S.L.B.&M.

1051' FNL 359' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 10 MONTH | 12 DAY | 01 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: P.M. | REVISED: 00-00-00



APPROXIMATE TOTAL PIPELINE DISTANCE = 2700' +/-

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

N

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #405
SECTION 27, T9S, R21E, S.L.B.&M.
1051' FNL 359' FEL

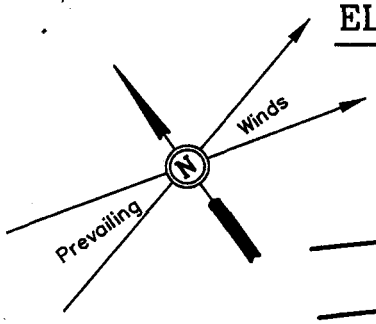
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	11 DAY	01 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: P.M.	REVISED: 11-13-01		

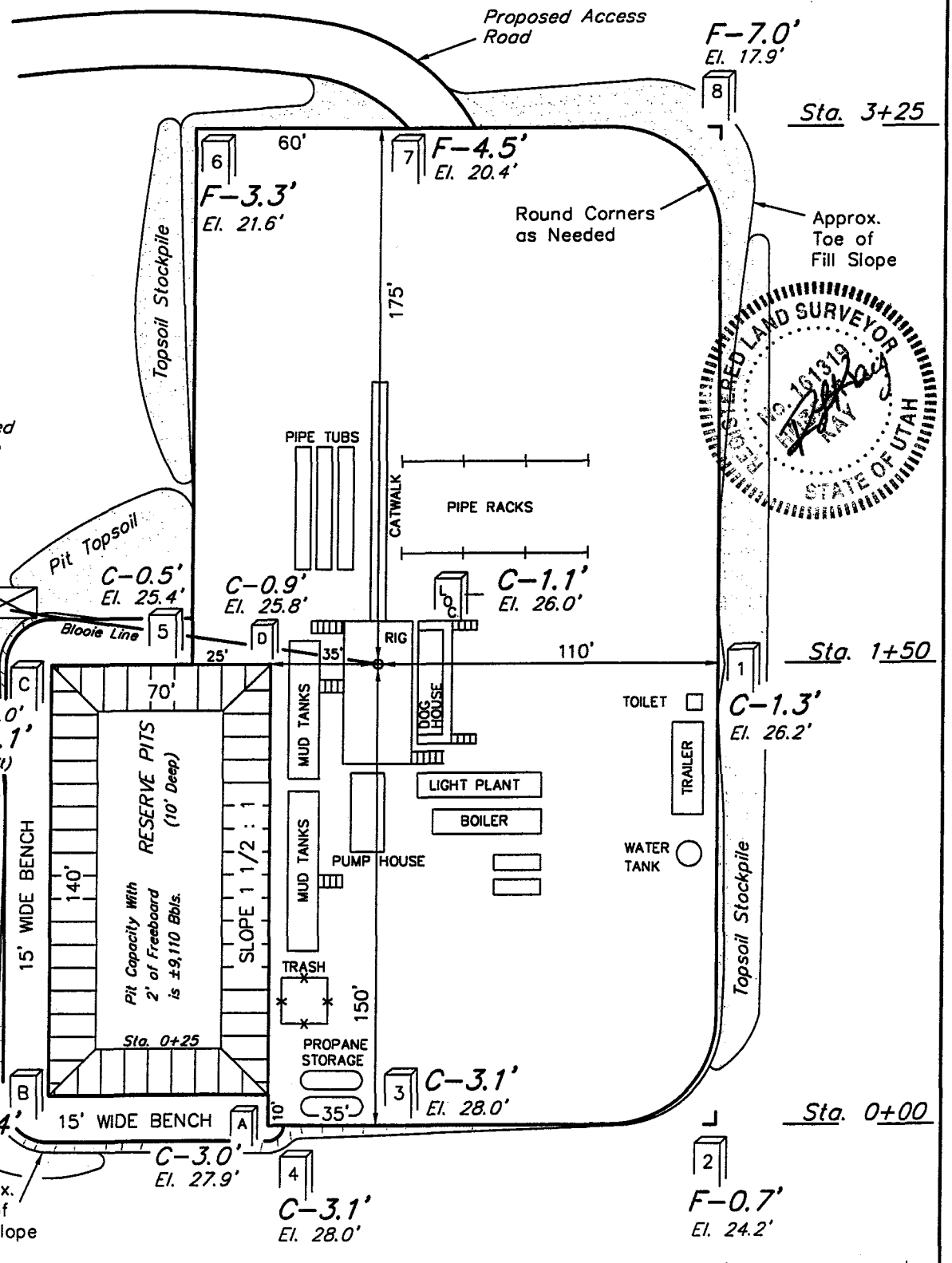
EL PASO PRODUCTION OIL & GAS COMPANY

LOCATION LAYOUT FOR

NBU #405
SECTION 27, T9S, R21E, S.L.B.&M.
1051' FNL 359' FEL



SCALE: 1" = 50'
DATE: 10-16-01
Drawn By: D.COX



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4926.0'
FINISHED GRADE ELEV. AT LOC. STAKE = 4924.9'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

EL PASO PRODUCTION OIL & GAS COMPANY

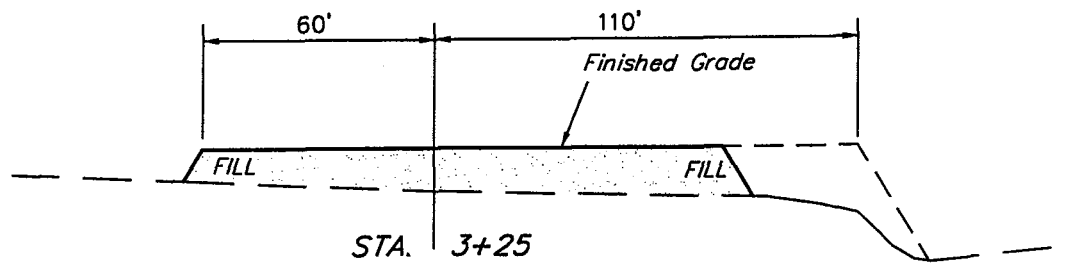
TYPICAL CROSS SECTIONS FOR

NBU #405
SECTION 27, T9S, R21E, S.L.B.&M.
1051' FNL 359' FEL

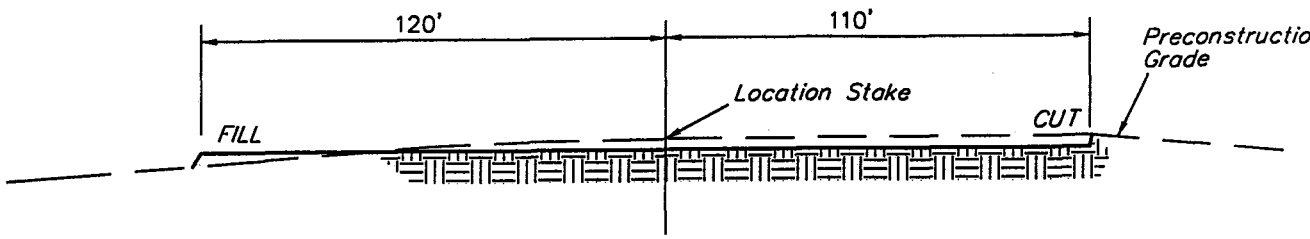
1" = 20'
X-Section Scale
1" = 50'

DATE: 10-16-01
Drawn By: D.COX

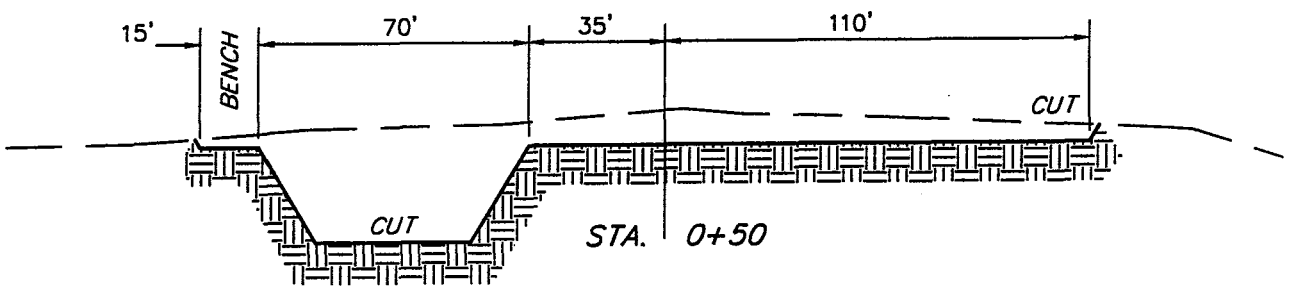
REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH



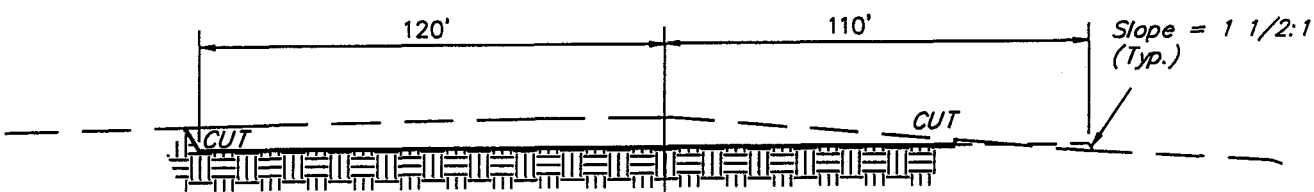
STA. 3+25



STA. 1+50



STA. 0+50



STA. 0+00

FIGURE #2

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,210 Cu. Yds.
Remaining Location = 4,030 Cu. Yds.

TOTAL CUT = 5,240 CU.YDS.
FILL = 2,600 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 2,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

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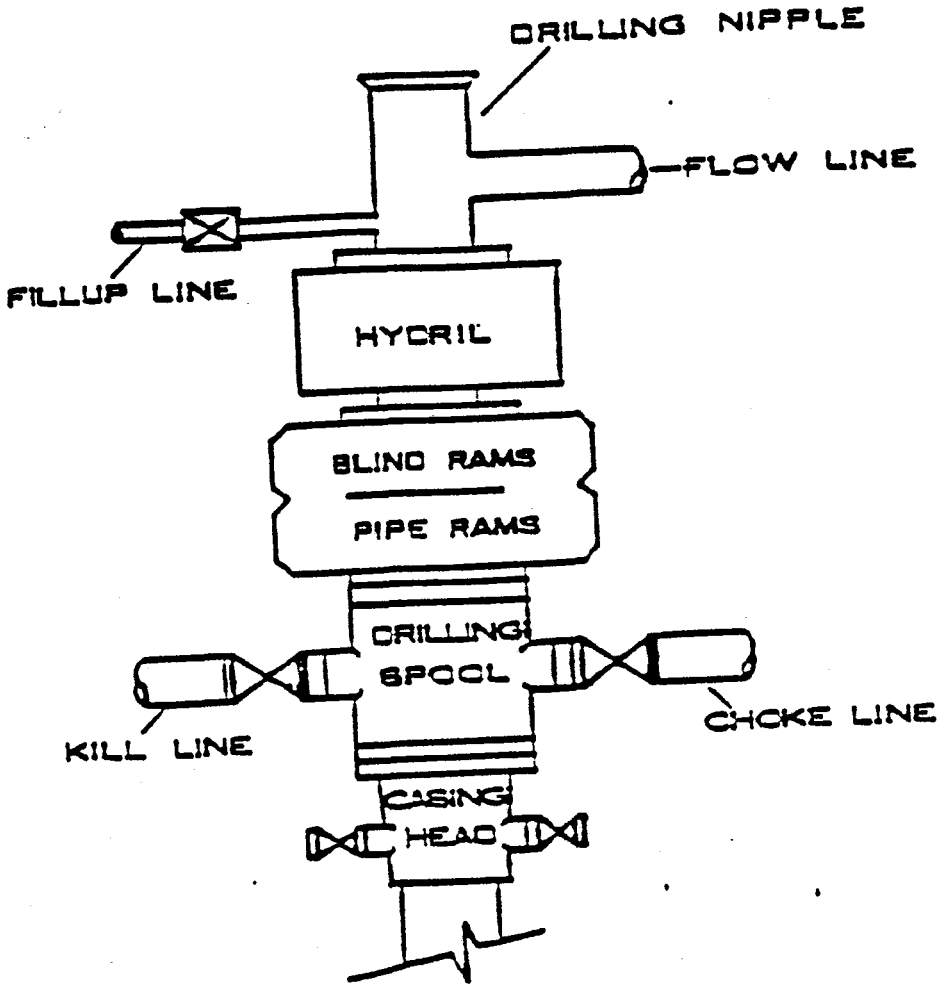
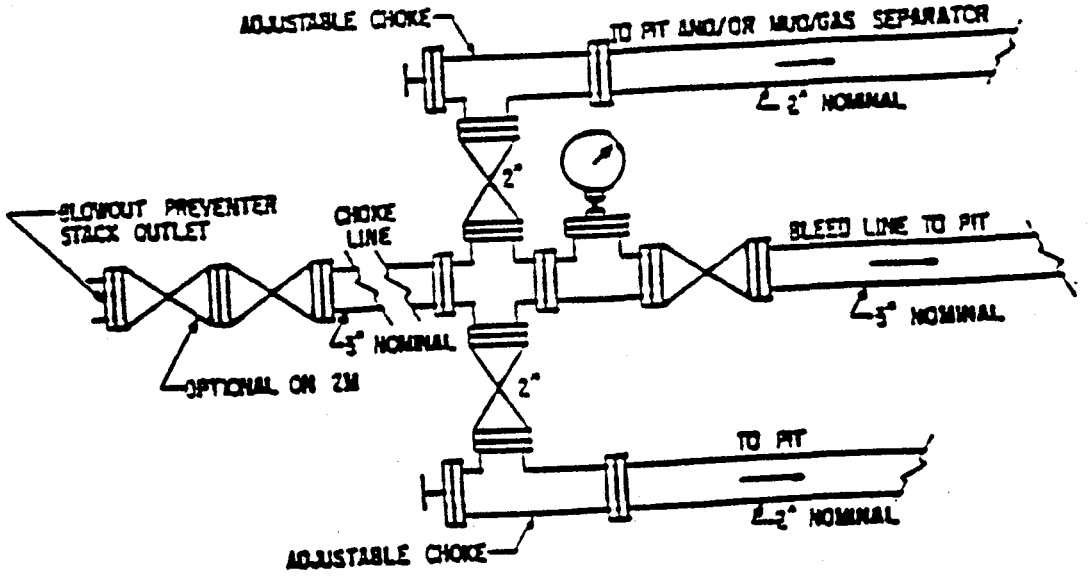
3,000 PSI

BOP STACK





NBU 339

M A C
Metcalf Archaeological Consultants, Inc.
~~DENVER DISTRICT - E & S~~

NOV 5 1998

BLC___RAD___SCP___CEL___
SAB___JRN___MDE___LPS___

November 4, 1998

cc: Dry
RJL
PEB

Ms. Sheila Bremer
Coastal Oil & Gas Corp.
P. O. Box 749
Denver, CO 80201-0749

Dear Ms. Bremer:

Enclosed is Metcalf Archaeological Consultants, Inc. (MAC) cultural resource inventory covering ten Coastal Oil & Gas well projects in Uintah County, Utah. One well, NBU #316 is on Uintah Indian Tribal lands. The inventory for this well project was negative. The other nine are on BLM administered lands. One of these CIGE #249 is very near previously recorded site 42UN663. This prehistoric site has been evaluated as non-significant and no further work is necessary concerning the site or well project. The other remaining eight well inventories were all negative. No significant cultural resources will be impacted by construction of these ten projects. Cultural resource clearance is recommended for all ten Coastal Oil & Gas projects.

If you have any questions or need further assistance please do not hesitate to contact us.

Sincerely,

Michael D. Metcalf
Principal Investigator

MDM/sjm

Enclosure

cc: Blaine Phillips, BLM Vernal District, Vernal, UT
Betsie Chapoose, Cultural Rights and Protection, UIT, Ft. Duchesne, UT
Ferron Secakuku, Energy and Minerals, UIT, Ft. Duchesne, UT
Dale Hanberg, Bureau of Indian Affairs, Ft. Duchesne, UT
Amy Huslein, Bureau of Indian Affairs, Phoenix, AZ

(970) 328-6244
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Eagle, CO 81631

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FAX: 701-258-7156
P.O. Box 2154
Bismarck, ND 58502

Coastal Oil & Gas Company: Ten Well Projects, Class III Cultural Resource Inventory, Uintah County, Utah

prepared by
Sally J. Metcalf
Metcalf Archaeological Consultants, Inc.
P.O. Box 899
Eagle, CO 81631

prepared for
Coastal Oil & Gas Company
Denver, CO

Bureau of Land Management
Cultural Resources Permit # 98-UT-54945
expires May 1, 1999

Project No. U-98-MM-0655bi

November 1998

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) conducted ten Class III cultural resource inventories in Uintah County, Utah for Coastal Oil and Gas Corporation, Denver, Colorado. These ten well projects are listed in Table 1, which shows the legal location, footage from section lines, total acreage inventoried, access roads and pipeline distances and directions. Figures 1, 2 and 3 depict the well pad locations and associated access and pipeline right-of-ways, plotted on 7.5' USGS quadrangles. Total acreage inventoried during these ten projects equaled 139.9

These cultural resource inventories were conducted to maintain compliance with the National Historic Preservation Act, as amended. The proposed well locations and access roads will be located on land administered by the Bureau of Land Management (BLM), Vernal District Office, Vernal, Utah. The purpose of these inventories was to locate and record cultural resources within the area of potential effect (APE) of the proposed well locations and access roads. If cultural resources were found, their locations were recorded, the appropriate state forms completed (IMAC), a sketch map was drawn, and photographs taken. All recorded cultural resources would then be evaluated for eligibility to the National Register of Historic Places (NRHP), and recommendations concerning their management discussed.

On October 21, 22 and 23, 1998, John C. Scott, staff archaeologist with Metcalf Archaeological Consultants, Inc., conducted cultural resource inventories for ten proposed well pads, associated access roads and pipeline routes. All of these locations were staked and flagged at the time of the inventories. All field notes and other pertinent data are on file at Metcalf Archaeological Consultants, Inc. Eagle, CO.

Management Summary

Nine of the cultural resource inventories ended up being negative, resulting in no cultural material being recorded. For the 10th well pad, CIGE #249-8-10-22, a previously recorded site (42UN663) is located within the ten-acre block inventoried for the well pad. This is a rock shelter that has been evaluated as a non-significant prehistoric site. During this current study the site was visited, recorded on updated site forms and reevaluated. The field archaeologist concurs with the original evaluation of non significant making the site not eligible for the National Register of Historic Places. Cultural resource clearance is recommended for the ten proposed wells, access and pipeline routes as staked at the time of the survey and depicted in Figures 1, 2 and 3.

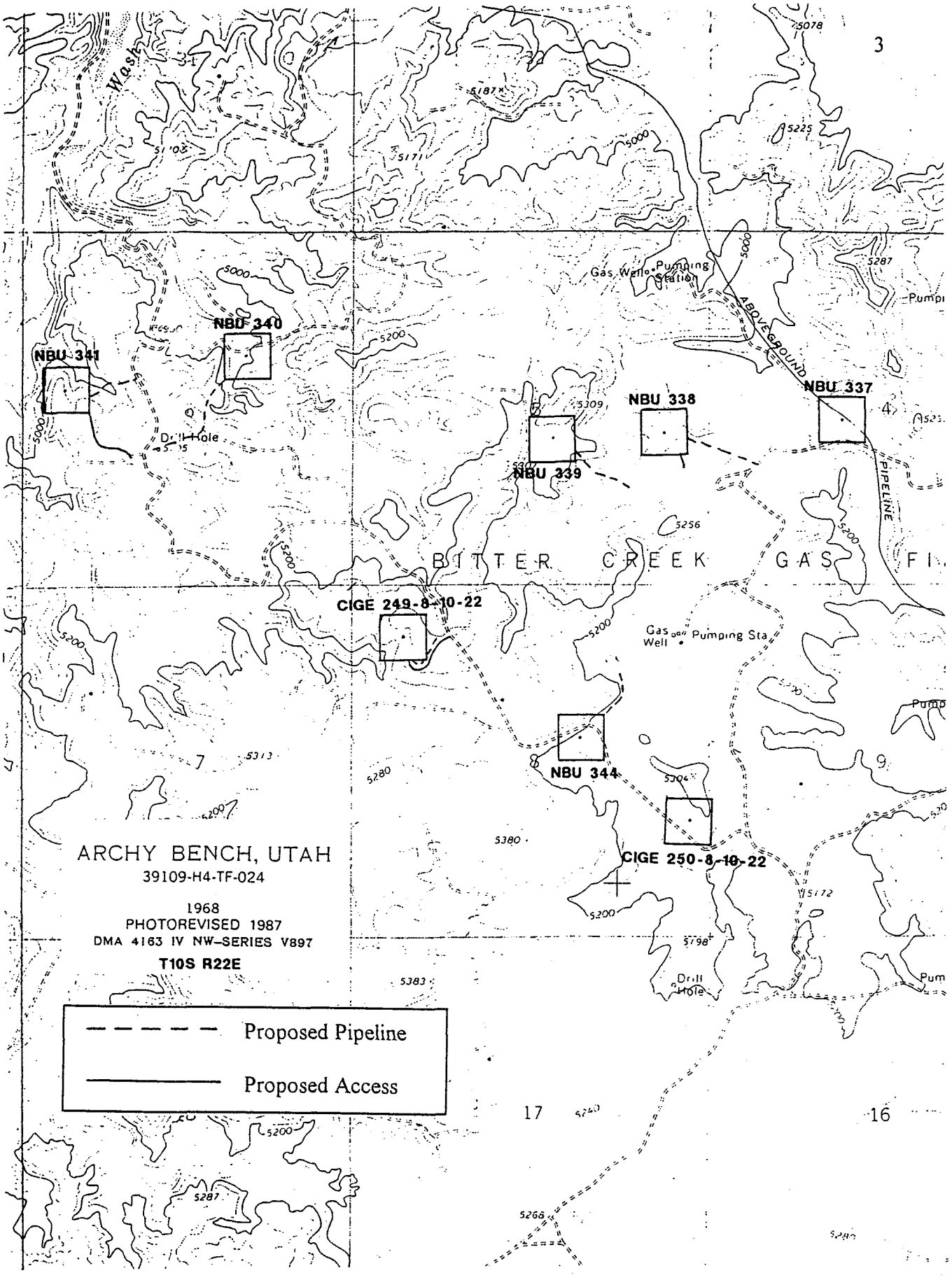
Table 1

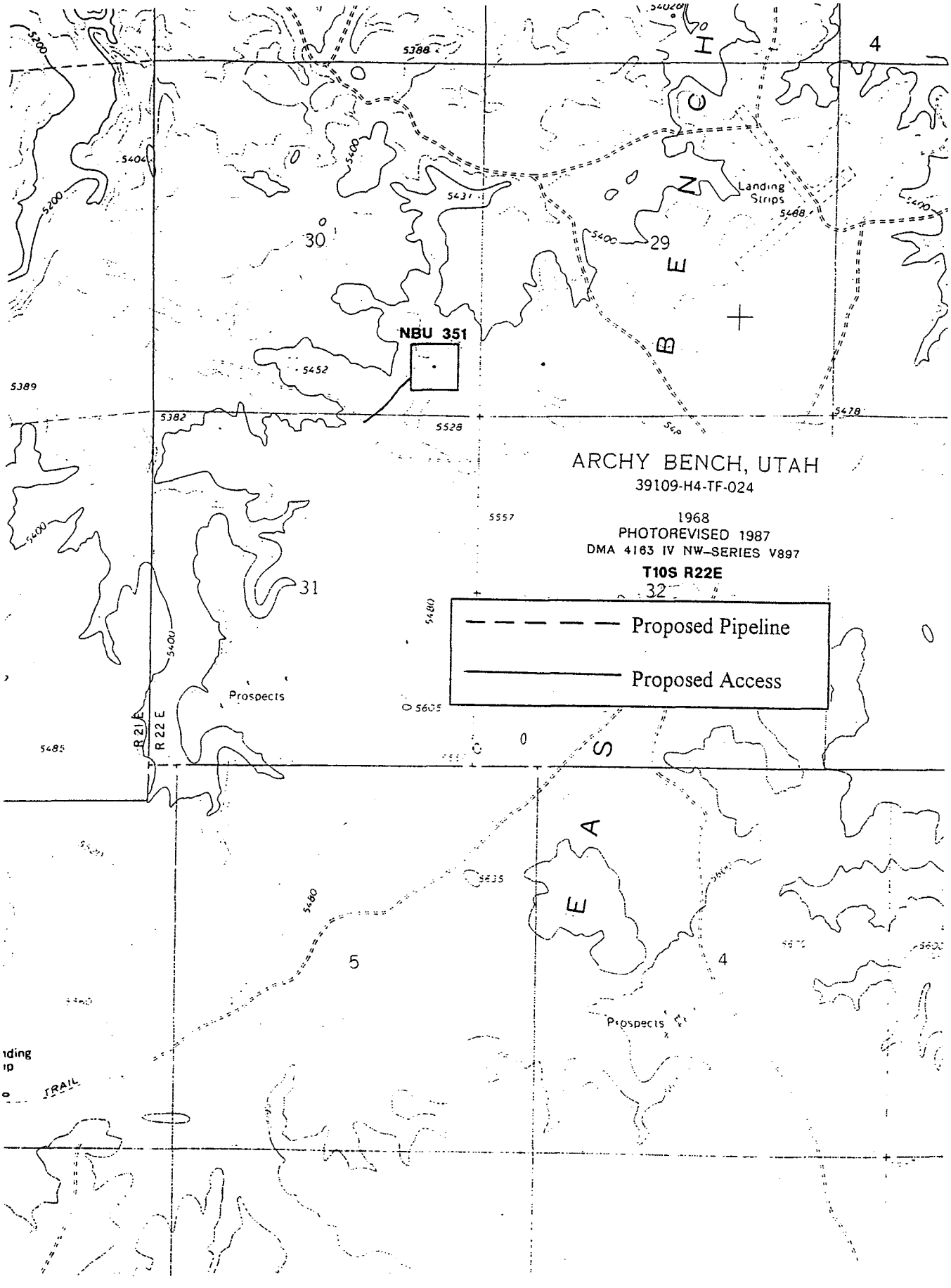
Well Locations and Accompanying Information

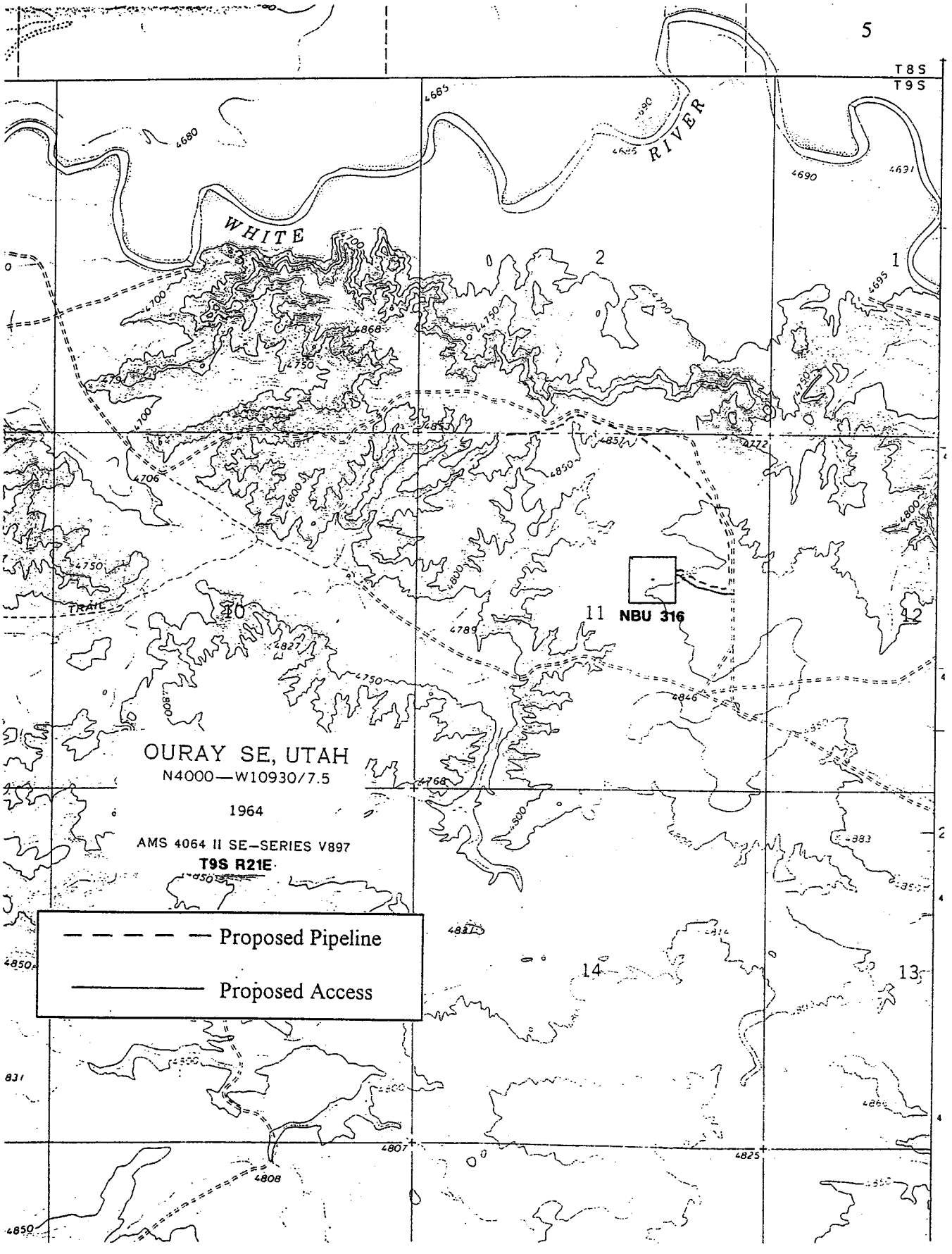
Well	Legal T/R/S	Footage	Access Dis/Dir	Pipeline Dis/Dir	Acres
NBU #316	9S 21E/11	2127FNL 1814FEL	305m E	1920m NW	16.5
NBU #337	10S 22E/04	2495FSL 1972FWL	in block	in block	10.0
NBU #338	10S 22E/05	2296FSL 0709FEL	150m S	360m SE	13.7
NBU #339	10S 22E/05	2186FSL 2330FEL	30m SW	450m SE	13.5
NBU #340	10S 22E/06	1887FNL 1556FEL	in block	600m S	14.4
NBU #341	10S 22E/06	2459FNL 606FWL	390m S	300m E	15.1
NBU #344	10S 22E/08	2299FNL 1906FEL	in block	330m NE	12.4
NBU #351	10S 22E/30	688FSL 728FEL	380m SW	in block	12.8
CIGE #249-8-10-22	10S 22E/08	771FNL 783FWL	300m E	300m E	14.4
CIGE #250-8-10-22	10S 22E/08	1766FSL 341FEL	in block	970m N	17.1
				Total Acres	139.9

Effective Environment

The project area is located in the Uinta Basin physiographic subdivision of Utah (Stokes 1977). All of the proposed well projects are a few miles south and east/or of the White River. The overall area consists of high ridges and deeply incised intermittent drainages. Geology of the area is dominated by the Eocene Uintah Formation and is often overlain by alluvail surficial deposits. Occasional outcrops of the Green River Formation may also be present (Hintze 1980). Local vegetation is predominantly a sagebrush or shadscale community, which includes low sagebrush, bunch grasses, saltbush, prickly pear cactus, and various grasses and forbs. Specific well, access and pipeline locations are discussed below.


NBU 340
NBU 341
NBU 339
NBU 338
NBU 337
CIGE 249-8-10-22
NBU 344
CIGE 250-8-10-22
Gas Well
Pumping Station
ABOVEGROUND
PIPELINE
Drill Hole
BITTER CREEK GAS
ARCHY BENCH, UTAH
39109-H4-TF-024
1968
PHOTOREVISED 1987
DMA 4163 IV NW–SERIES V897
T10S R22E
Proposed Pipeline
Proposed Access


NBU 351
ARCHY BENCH, UTAH
39109-H4-TF-024
1968
PHOTOREVISED 1987
DMA 4163 IV NW–SERIES V897
T10S R22E
Proposed Pipeline
Proposed Access
Landing Strips
Prospects
Prospects
R21E
R22E
ARCH
BENCH
SEEP
30
29
31
32
5
4


5
T8S
T9S
WHITE
RIVER
1
2
11
NBU 316
12
10
14
13
TRAIL
OURAY SE, UTAH
N4000—W10930/7.5
1964
AMS 4064 II SE—SERIES V897
T9S R21E
Proposed Pipeline
Proposed Access

NBU #316

T 9 R21E Section 11 NE/SW/NE

The proposed well is located a half mile south of the White River. The ten-acre block is situated on mostly flat terrain with a gentle slope to the north-northwest. Drainage of this area is via sloping to the north-northwest into a deep ephemeral drainage. This in turn drains into an unnamed intermittent drainage which flows north to the White River. Ground surface visibility is good at around 70-75%. Vegetation cover consists of shadscale and sagebrush with mixed grasses. Soils are a sandy clay covered with a sparse sand shadow. In deflated areas a few chert and quartzite pebbles are exposed. The proposed well access leaves an existing north-south oil field road from the SE/SE/NE of section 11. The road will proceed to the west for about 305 meters and tie into the northeast edge of the well pad. A proposed pipeline is staked along the northern edge of the proposed access. The pipeline r-o-w continues on to the north following the existing road through the northeast quarter of the section, into and along the extreme southern portion of section 2. The pipeline route leaves the road and goes south where it will tie into an existing pipeline in the NE/NW/ NW of section 11. The total length for the proposed pipeline is 1920meters.

NBU #337

T10S R22E Section 4 NW/NE/SW

This proposed location is on the east side of an unnamed intermittent drainage. The pad is on a bench which forms the east side of this drainage. Flowing to the north, the drainage empties into the White River after one and a half miles. The vegetation cover in this area is extremely sparse, only around 10%. This ground cover is predominately sagebrush with some sparse grasses and forbs mixed in. Soils are a grayish silty clay which is armored with variegated sandstone cobbles and blocks. The access is extremely, short coming off an existing road 30 meters to the south. The proposed pipeline ties into an existing pipeline which is found immediately northeast of the well pad location. Both these routes fall within the ten acres inventoried for the well pad.

NBU #338

T10S R22E Section 5 NW/NE/SE

Proposed well NBU-338 is located on the south side of an unnamed intermittent drainage. It is situated on a small ledge above the drainage. The northern and northeast portion of the ten-acre block continues down into the drainage bottom. This unnamed intermittent drainage flows generally northward for two miles before emptying into the White River. Vegetation is dominated by a sagebrush community except along the drainage where greasewood becomes the primary plant. Surface visibility is excellent at 90% outside of the drainage but decreases to around 80% in the drainage. Soils above the drainage are a hard pan armored with small gravels while in the drainage the soil composition becomes

an alluvial sand. Proposed access to the well pad begins from an existing road about 150 meters to the south. The proposed pipeline travels 360 meters east-southeast from the southeast side of the proposed pad to an existing pipeline in the NW/SW of section 4.

NBU #339

T10S R22E Section 5 NW/NW/SE

The NBU-339 well pad is staked southwest of a sandstone butte on a fairly flat bench. This bench is situated above a deep intermittent drainage, which is along the bench's south and east sides. The drainage ends up flowing north about two miles to empty into the White River. Vegetation is a shadscale community dominated by various grasses. Ground surface visibility is excellent since the vegetation cover amounts to only about 10%. Soils present are a gray hard pan silt armored with tabular sandstone cobbles. The butte to the southwest is exposed sandstone. The proposed access road leaves an existing oil field road 30 meters off the extreme southwest corner of the ten-acre block. The proposed pipeline departs the pad's eastern side and travels southeast for approximately 450 meters to an existing pipeline in the center of the southeast quarter of the section.

NBU #340

T10S R22E Section 6 NE/SW/NE

This proposed location is staked on the east side of an unnamed intermitted drainage. The ten-acre block extends down to the east into the drainage bottom. This drainage is a tributary of Sand Wash located about a half mile to the west. Sand Wash flows generally north for about three miles before flowing into the White River. Vegetation is a shadscale community dominated by saltbush, sparse grasses and forbs covering a very sparse 5% of the ground surface. The entire area is extremely deflated and the soils consist of degraded clay armored in many places by reddish brown and brown sandstone gravels and cobbles. Access to the proposed well pad is via an existing oil field road trending east-west through the ten-acre block. The proposed pipeline departs the pad area from the southwest corner and proceeds southwest for about 600 meters to an existing pipeline in the center of the NE/SW of the section.

NBU #341

T10S R22E Section 6 SW/SW/NW

NBU #341 is staked at the north end of a relatively level finger-like ridge with steep drop offs to the west, north and northeast. The project area drains by slope wash to the west into the intermittent known as Sand Wash. Sand Wash flows north three miles to empty into the White River. Vegetation covers only about 10% of the ground surface. This ground cover contains basically sagebrush with little else present. Soils are a hard pan clay armored with sandstone cobbles. The proposed access road leaves an existing oil field road in the SW/NE/SW of the section and proceeds northwest for approximately 390

meters to the southern edge of the well pad. The proposed pipeline leaves the southeast corner of the well pad and travels east for about 300 meters to an existing pipeline in the SW/SE/NW of the section near the existing NBU #141 well.

NBU #344

T10S R22E Section 8 SW/SW/NE/

Proposed well NBU #344 is located just south of a series of sandstone bluffs that form the southern edge of a ridge. Sandstone boulders have exfoliated off the bluff face and are scattered across the northern portion of the ten-acre block. Drainage of the area is provided by an unnamed intermittent drainage to the east. This drainage flows north about two miles and empties into the White River. Vegetation cover is sparse, around 5-10%, and consists of sagebrush and shadscale with limited grasses and cacti. Soils consist of a hard pan armored with small sandstone pebbles. The northern portion is a loose colluvium with numerous sandstone cobbles, blocks and boulders from the bluffs. Access to the well pad is via an existing oil field road coming down from the northwest of the section. The proposed pipeline leaves the pad from the northeast corner and proceeds northeast about 330 meters to an existing pipeline near the center of the southeast quarter of section 8.

NBU #351

T10S R22E Section 30 NW/SE/SE

This proposed well location is staked in an area known as East Bench. The pad will be built along a series of small ledges in a shallow cove formed by surrounding ridges. Intermittent drainages are found to the east and west. Both these flow generally north into Sand Wash, a tributary to the White River which is eight miles to the north. Ground cover in the pad area was only around 10% while along the access this cover increased to about 25%. This is a sagebrush shrubland consisting of mainly sagebrush with sparse grasses and forbs mixed in. There is very little, if any, deposition on the grayish clay hard pan found in the pad area. Along the access road a small flat exists which has a very shallow cover of aeolian sand. The proposed access road leaves an existing road in the NE/NW/ NE of section 31 and proceeds northeast for approximately 380 meters to the west edge of the pad. An existing pipeline runs east-west along the north edge of the proposed pad all within the ten-acre block.

CIGE #249-8-10-22

T10S R22E Section 8 C/NW/NW

Proposed CIGE #249-8-10-22 is staked on the south side of an east-west trending ridge just above and east of an unnamed tributary of Sand Wash. This general area slopes eastward and drains into the intermittent tributary and eventually into Sand Wash. Sand Wash is an intermittent tributary to the White River. Vegetation is basically a shadscale

and mixed grasses community dominated by saltbush. Ground surface cover is around 15%. Both the proposed access road and pipeline follow the same route, which is about 300 meters long. These both depart an existing road and pipeline in the SW/NE/NW of the section and proceed first southwest and then turn back to the northwest to tie into the southeast corner of the proposed pad.

CIGE #250-8-10-22

T10S R22E Section 8 SE/NE/SE

The proposed CIGE #250-8-10-22 is located on the south side of an east-west trending ridge. An unnamed intermittent drainage cuts along the west edge of the ten-acre block. This drainage flows generally north to empty into Sand Wash, an intermittent tributary to the White River. The White River is three miles to the northeast. Vegetation is a shadscale community dominated by saltbush with mixed sparse grasses and forbs. Ground surface visibility excellent at 80%. Soils consist of a thick sand sheet. The drainage which cuts along the west edge offers a good view to subsurface deposits in and below the sand sheet. There is no evidence that buried cultural material exists in the sand sheet. Access to the pad will be provided by an existing oil field road that passes diagonally (NW-SE) through the ten-acre block. The proposed pipeline leaves the southeast corner of the pad and follows the same existing oil field road east into section 9. Then the proposed pipeline, and existing road, turns to the north and continues on to the SW/NW/NW of section 9 to tie into an existing pipeline. Total length of the pipeline is about 970 meters.

Files Search

A file search was requested from the Cultural Records Office of the Utah State Historic Preservation Office on July 7, 1998. A second file search was conducted at the Bureau of Land Management (BLM), Vernal District Office on October 22, 1998. The file searches resulted in only one previous inventory being reported within the APE for the ten proposed well pad projects. This was a cultural resource study in 1978 by Archeological-Environmental Research Corporation (AERC) called the Natural Buttes Cultural Mitigation Study. Portions of this study are encountered in the NBU #344 and CIGE #249-8-10-22 project areas. Due to the age of this study, and the fact that study blocks do not entirely cover the APE for NBU #344 and CIGE #249, both of these projects were inventoried during this current study. A previously recorded site (42UN663) was discovered during the 1978 AERC study. This site is located northwest of the CIGE #249 center stake.

Methods

The ten proposed Coastal Oil & Gas Company well locations, access roads and pipelines were plotted on USGS 7.5'quadrangle maps then surveyed for cultural resource material. The access roads and proposed pipelines were investigated by walking two zigzag transects, one on each side of the center stakes, so that each side received 15 meters (50 ft) of coverage which equaled a total corridor of 30 meters (100 ft). When linear corridors paralleled existing disturbance (CIGE #250) the entire 30 meters was measured from the edge of the disturbance out. The well locations were covered with a ten-acre block centered on the well pad's center stake and oriented to the cardinal directions. This ten-acre block was investigated by walking parallel transects spaced 15 to 20 meters apart. Special attention was given to areas of surface disturbance (i.e., rodent activities, previous construction areas, erosional areas). These areas were carefully inspected for signs of buried cultural material.

Results and Recommendations

The only cultural material encountered on any of the ten projects was the previously record site, 42UN663. The CIGE #249 center stake is 70 meters southeast of this site. This prehistoric site consists of a rockshelter/overhang with associated lithic scatter. It was originally recorded in 1978 by Weber of AERC for the Natural Buttes Cultural Mitigation Study. Also during the study a tool, thought to be an arrow smoother or awl sharpener, was collected and curated at BYU. Debitage consisting of cores and flakes of gray mudstone, red quartzite, white and red chert was observed. Also noted, were two bifaces, a mano, hammerstone, fire-cracked rock (FCR), and a scatter of cans and glass. The present visit observed a nearly similar artifact inventory. The rock shelter is facing 165° (SE) toward a drainage basin. The overhang appears to have formed from wind and water scouring an exposed sandstone face at the base of a small ridge. The shelter is nearly eight feet high at the drip line, angles steeply back and down for five meters, and is approximately 10 meters long. Also, there are reddish and dark gray areas on the ceiling, which may be from fire. The shelter floor slopes to the east, and any deposition that might have been present has been washed away by runoff that flows along the foot of the ridge following the natural slope.

The original recording describes the site as non-significant, lacking depth and diagnostic artifacts, but in good condition. Even though AERC evaluated it as non-significant they recommended avoidance. MAC agrees that the site lacks deposition and diagnostics, and consequently is non-significant. However, the site is heavily deflated by erosional impacts in the form of sheet wash and wind erosion. Consequently the site is in poor condition. Since the site is evaluated as non-significant avoidance is not necessary and no further work is required for the CIGE #249 well project.

None of the other nine well projects had any cultural material within their project boundaries. Since there are no significant cultural resources within the project boundaries cultural resource clearance is recommended for all ten proposed well projects. No further work is necessary for the wells as staked during field work and depicted in Figures 1, 2 and 3.

References Cited

Hintze, L.
1980 Geologic Map of Utah. Dept.of Natural Resources, Utah Geological and Mineral Survey, Salt Lake City.

Stokes, M.
1977 Physiographic Subdivisions of Utah. Dept.of Natural Resources, Utah Geological and Mineral Survey, Salt Lake City.

002

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/30/2001

API NO. ASSIGNED: 43-047-34407

WELL NAME: NBU 405

OPERATOR: EL PASO PROD OIL & GAS (N1845)

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

NENE 27 090S 210E

SURFACE: 1051 FNL 0359 FEL

BOTTOM: 1051 FNL 0359 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: ~~1 - Federal~~ 3-State

LEASE NUMBER: U-01194-A-ST

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/2/02
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: ~~Fed[1]~~ Ind[] Sta[X] Fee[]
(No. ~~WY3457~~ 400JU0705)

N Potash (Y/N)

✓ Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit NATURAL BUTTES

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' fr Unit Boundary & Uncommon Tract

___ R649-3-11. Directional Drill

COMMENTS: Need presite. (12-20-01)
Need State ROW

STIPULATIONS: ~~1 - Fed. Approval~~ (1) STATEMENT OF BASIS
2- Oil Shale
3- Surface Cement Stip

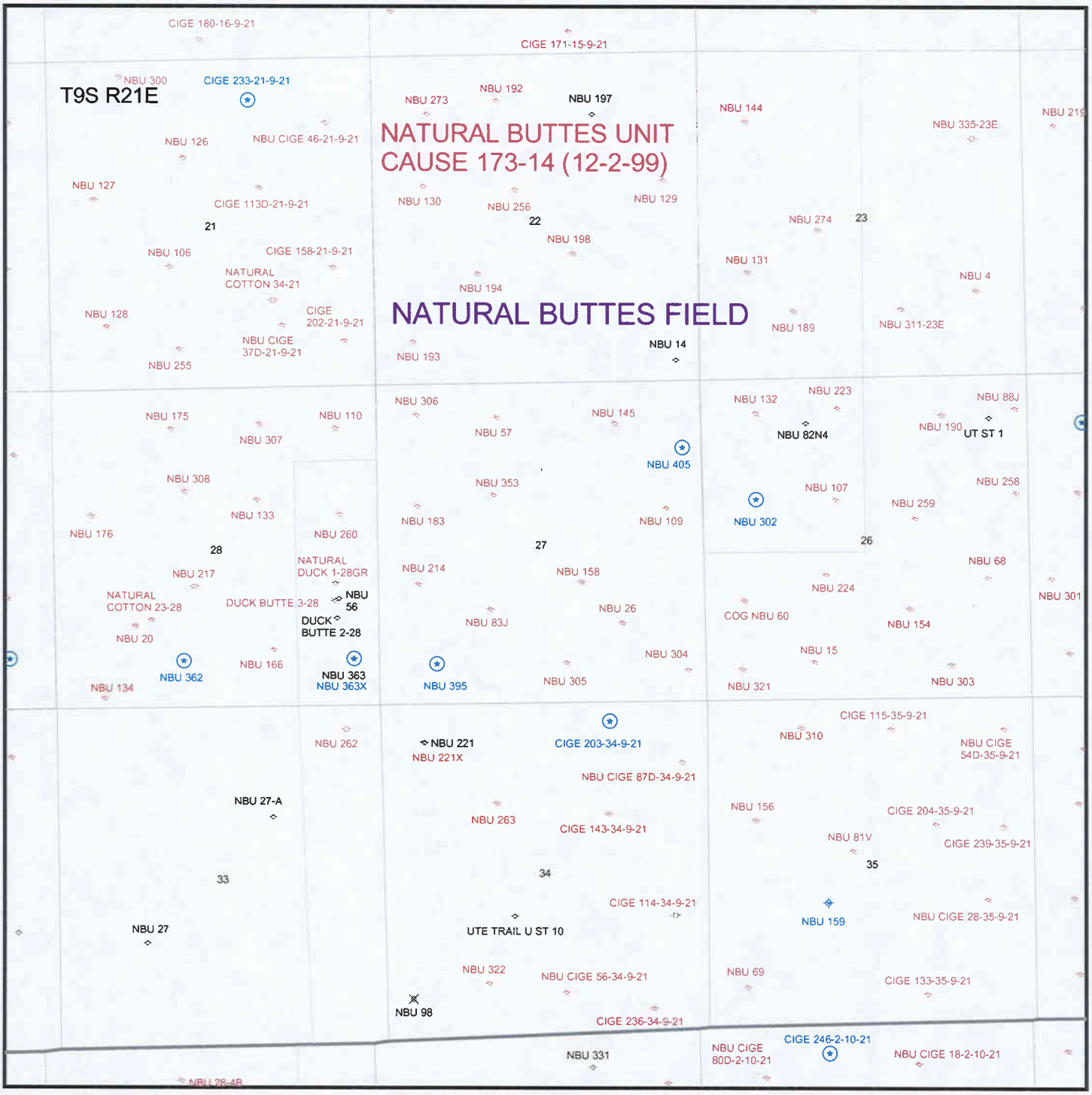
Utah Oil Gas and Mining

OPERATOR: EL PASO PROD O&G (N1845)

SEC. 27, T9S, R21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH UNIT: NATURAL BUTTES
CAUSE: 173-14



PREPARED BY: LCORDOVA
DATE: 4-DECEMBER-2001

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY
WELL NAME & NUMBER: NBU 405
API NUMBER: 43-047-34407
LEASE: U-01194-A **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4,1/4 NE/NE **SEC:** 27 **TWP:** 9S **RNG:** 21E
359' **F E L** 1051' **F N L**
LEGAL WELL SITING: **Board Spaced area requiring 460' from unit boundary and uncommitted tracts.**
GPS COORD (UTM): 12625487E 4430060N
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS:
CARROLL WILSON, CLAY EINERSON, RON RYAN, (EL PASO): ROBERT KAY, (U.E.L.S.): DAVID HACKFORD, (D.O.G.M.): MILES HANBERG, (D.W.R.).

REGIONAL/LOCAL SETTING & TOPOGRAPHY:
SITE IS 15.0 MILES SOUTHEAST OF OURAY, UTAH AND 5.7 MILES EAST OF THE SEEP RIDGE ROAD IN AN AREA OF ROCKY KNOLLS AND SHARP, SHALLOW DRAWS DRAINING TO THE NORTH. THERE IS A SANDSTONE OUTCROPPING 100' TO THE WEST OF SITE.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING. HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 215' AND ACCESS ROAD WOULD BE 0.1 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL RUN 0.2 MILES TO THE SOUTH AND TIE INTO AN EXISTING LINE AT THE NBU 109.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SALTBRUSH, PRICKLY PEAR, GREASE-WOOD, SHADSCALE, SAGE, RABBIT BRUSH: SONGBIRDS, RAPTORS, PRONGHORN, RODENTS, COYOTES.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT:

CHARACTERISTICS: 140' BY 70' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER S.I.T.L.A.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

DAVID W. HACKFORD	12/20/01- 11:45 AM
DOGM REPRESENTATIVE	**DATE/TIME**

Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	5
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	20
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0
Final Score		30


2001 12 20


2001 12 20

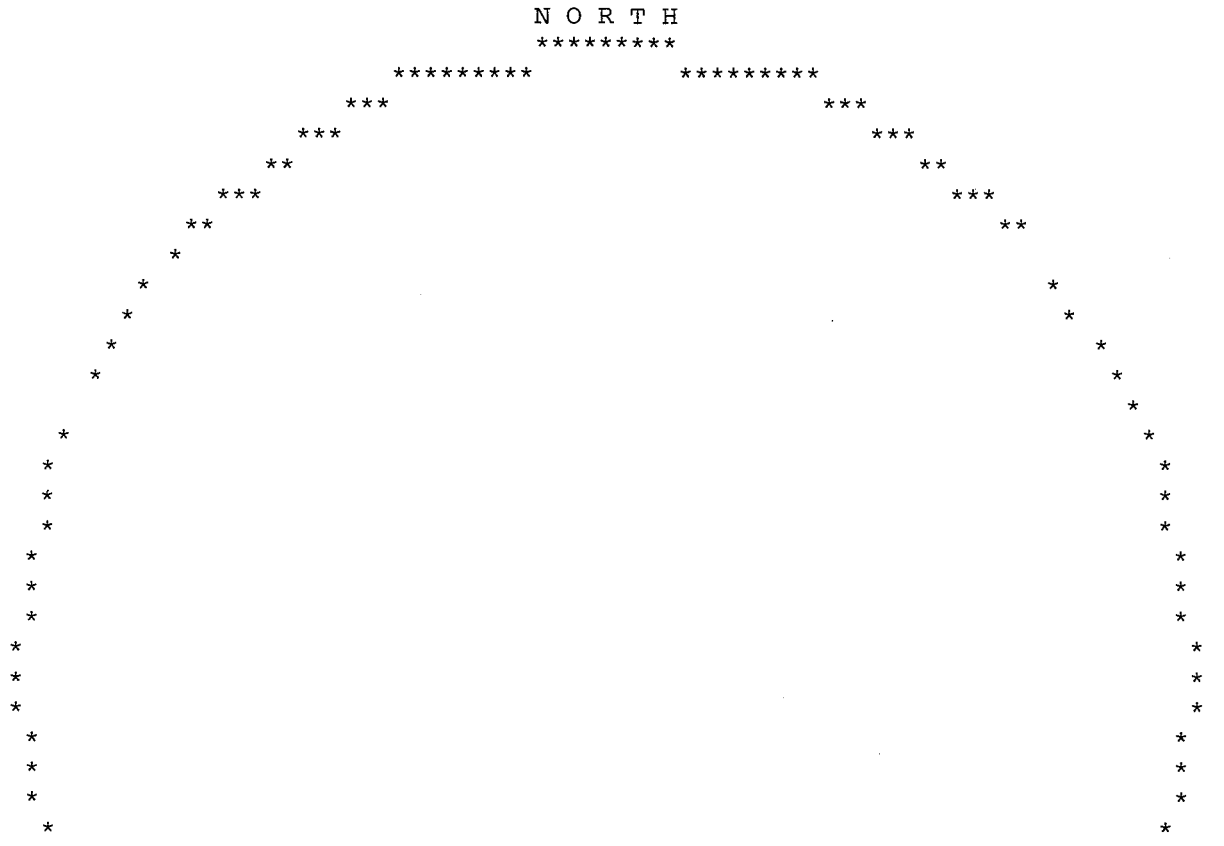

2001 12 20

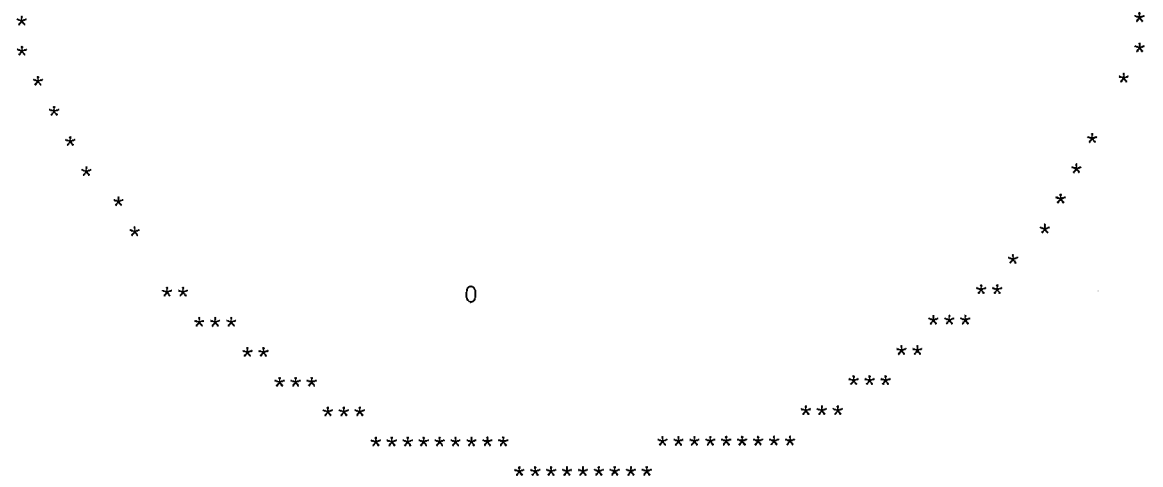

2001 12 20

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, DEC 26, 2001, 3:28 PM
PLOT SHOWS LOCATION OF 1 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE CT CORNER,
SECTION 27 TOWNSHIP 9S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET





UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&
0	49 355	1.0000		.00	7	1667		N 951	E 689	SW	34	9S	21E	S

WATER USE(S): MINING OTHER PRIORITY DATE: 07/10/1
Tosco Corporation 10100 Santa Monica Blvd. Los Angeles

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: EL PASO PRODUCTION OIL AND GAS COMPANY
Well Name & Number: NBU 405
API Number: 43-047-34407
Location: 1/4,1/4 NE/NE Sec. 27 T. 9S R. 21E

Geology/Ground Water:

El Paso proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,000'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of section 27. This well is over a mile away and is listed as mining use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill
Date: 12/26/2001

Surface:

The pre-drill investigation of the surface was performed on 12/20/2001. Surface owner is State of Utah. Minerals are owned by USA. SITLA and DWR were notified of this investigation on 12/18/2001. Miles Hanberg was present and represented DWR. SITLA did not have a representative present. Blasting will undoubtedly be necessary to construct reserve pit. This will cause the ground to fracture creating high permeability soil, thus a 12 mil liner will be required for the reserve pit.

Reviewer: David W. Hackford
Date: 12/21/2001

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

Well name:	**01-02 El Paso NBU 450**
Operator:	**El Paso Production Company**
String type:	Surface
Project ID:	43-047-34407
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi

Internal gradient: 0.468 psi/ft

Calculated BHP 117 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.

Neutral point: 219 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	68 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	200 ft
Cement top:	Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	6,500 ft
Next mud weight:	9.000 ppg
Next setting BHP:	3,039 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	250 ft
Injection pressure	250 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	12

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	117	2950	25.24	6	263	43.83 J

Prepared by: Dustin Doucet
Utah Dept. of Natural Resources
Phone: 801-538-5281
FAX: 801-359-3940

Date: January 2,2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Well name:	**01-02 El Paso NBU 450**
Operator:	**El Paso Production Company**
String type:	Production
Project ID:	43-047-34407
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 3,039 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 5,625 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 156 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6500	4.5	11.60	K-55	LT&C	6500	6500	3.875	150.7

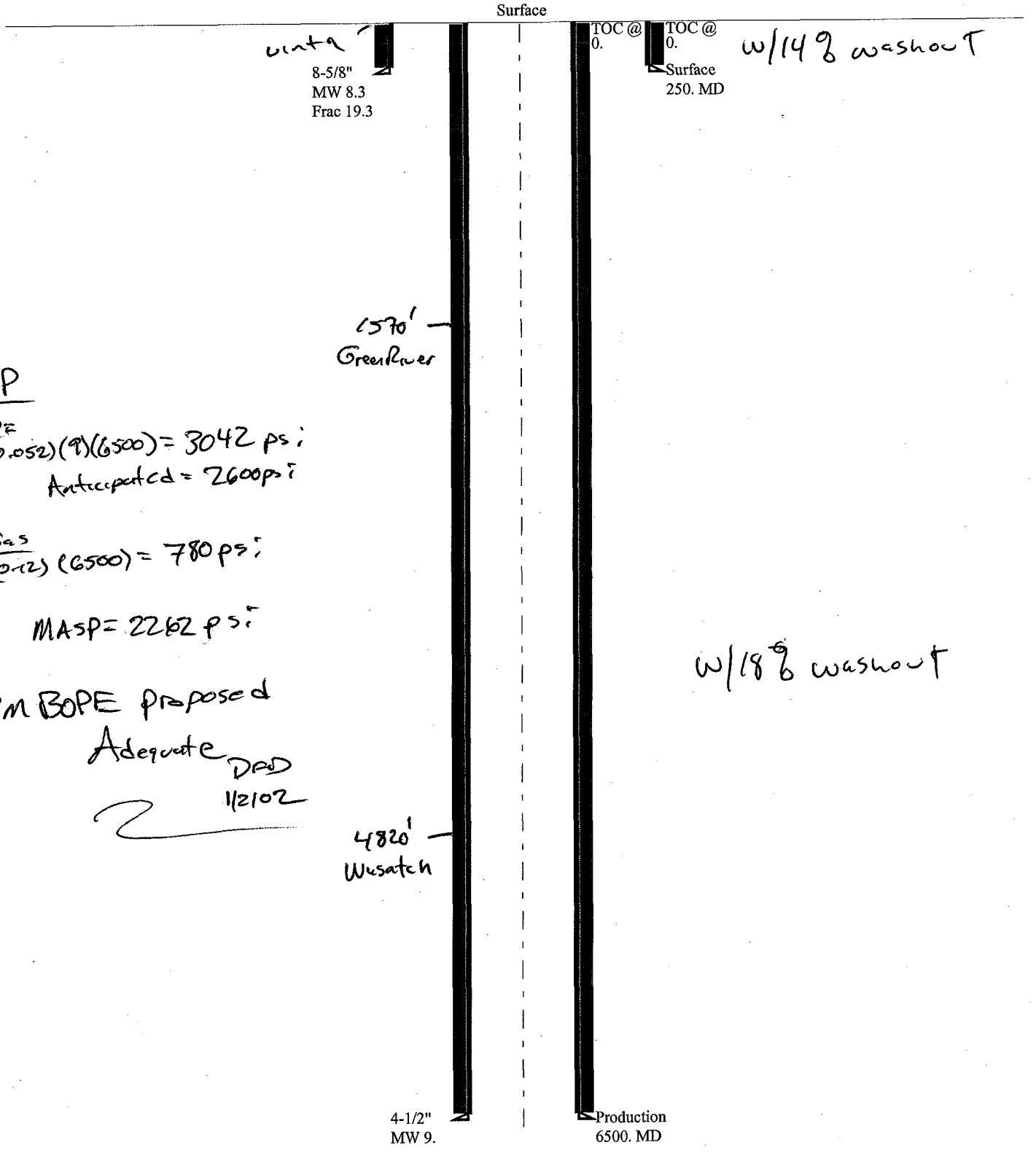
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3039	4960	1.63	3039	5350	1.76	75	180	2.39 J

Prepared by: Dustin Doucet
Utah Dept. of Natural Resources
Phone: 801-538-5281
FAX: 801-359-3940
Date: January 2,2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6500 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

01-02 El Paso NBU 450

Casing Schematic



BOP

BOPE = (0.052)(9)(6500) = 3042 psi

Anticipated = 2600 psi

Gas (0.12)(6500) = 780 psi

MASP = 2262 psi

3M BOPE proposed

Adequate DRD

11/21/02

003

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt, Governor
Kathleen Clarke, Executive Director
Lowell P. Braxton, Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 3, 2002

El Paso Production Oil & Gas Company
PO Box 1148
Vernal, UT 84078

Re: Natural Buttes Unit 405 Well, 1051' FNL, 359' FEL, NE NE, Sec. 27, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34407.

Sincerely,

John R. Baza
Associate Director

er
Enclosures
cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal Field Office

Operator: El Paso Production Oil & Gas Company
Well Name & Number Natural Buttes Unit 405
API Number: 43-047-34407
Lease: U-01194-A-ST

Location: NE NE **Sec.** 27 **T.** 9 South **R.** 21 East

Conditions of Approval

1. **General**
Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7. Surface casing shall be cemented to the surface.

WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety – Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider – Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases – in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black

Debby J. Black
Engineer Technician

Encl:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 2 1 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523

Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

004

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EL PASO PRODUCTION OIL & GAS COMPANY

Well Name: NBU 405

Api No.. 43-047-34407 LEASE TYPE: STATE

Section 27 Township 09S Range 21E County UINTAH

Drilling Contractor SKI DRILLING RIG # AIR

SPUDDED:

Date 03/28/2002

Time 8:00 AM

How ROTARY

Drilling will commence

Reported by JIM MURRAY

Telephone # 1-435-828-1730

Date 03/28/2002 Signed: CHD

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: 4/1/02

FAX #: [redacted] 435-789-4436

ATTN: Katy Dow

COMPANY: El Paso

DEPARTMENT:

NUMBER OF PAGES: (INCLUDING THIS ONE) 4

FROM: Dustin Doucet

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.
We are sending from a sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGES:

Approval for TD change on NBU #405 (Casing & cementing, TD)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR El Paso Production O&G Company
ADDRESS P.O. Box 1148
Vernal, Utah 84078

OPERATOR ACCT. NO. N 1845

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	2900 ~~99999~~	43-047-34001	NBU #348	SWSW	11	10S	22E	Uintah	3/30/2002	4-1-02 ~~3/30/2002~~

WELL 1 COMMENTS:
MIRU Ski Air Rig
SPUD on 3/30/02 at 8 am

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ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	13446 ~~99999~~	43-047-34476	Tribal #35-210	SWSW	35	8S	20E	Uintah	3/29/2002	4-1-02 ~~3/29/2002~~

WELL 2 COMMENTS:
MIRU Ski Air Rig
Spud on 3/29/02 at 12 pm.

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ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	13447 ~~99999~~	43-047-33924	Weeks #6-154	NESE	6	9S	21E	Uintah	3/31/2002	4-1-02 ~~3/31/2002~~

WELL 3 COMMENTS:
MIRU Ski Bucket Rig
Spud on 3/31/02 at 7 am.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	2900 ~~99999~~	43-047-34407	NBU #405	NENE	27	9S	21E	Uintah	3/28/2002	4-1-02 ~~3/28/2002~~

WELL 4 COMMENTS:
MIRU Ski Air Rig
Spud on 3/28/02 at 8 am.

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ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing e
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)

Post-it® Fax Note 7671 | Date 4/1/02 | # of pages ▶ 1
To Jim Thompson | From Sheila Upchego
Co./Dept. DOGM | Co. El Paso Production
Phone # 801-538-5336 | Phone # 435 781-7024
Fax # 801-359-3940 | Fax # 435-781-7094

Sheila Upchego
Signature

Regulatory Analyst — 04/01/02
Title — Date

Phone No. (435)-781-7024

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APR-01-2002 MON 11:01 AM EL PASO PRODUCTION FAX NO. 4357817094 P. 01

EL PASO PRODUCTION COMPANY
1368 S. 1200 E., PO BOX 1148
VERNAL, UT 84078
PHONE: 435-789-4433 FAX: 435-789-4436, 435-781-7095

elpaso | Production

Fax Transmittal

To:	Dustin Doucet	Fax:	(801) 359-3940
Company:		Date:	
From:	Kathy Davis	Phone:	(435) 781-7022
Re:		Pages:	

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments:

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DIVISION OF
OIL, GAS AND MINING

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Well name:	**01-02 El Paso NBU 405rev.**
Operator:	**El Paso Production Company**
String type:	Surface
Project ID:	43-047-34407
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 117 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 219 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 68 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 200 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 6,500 ft
Next mud weight: 9.000 ppg
Next setting BHP: 3,039 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 250 ft
Injection pressure 250 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	12

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	117	2950	25.24	6	263	43.83 J

Prepared by: Dustin Doucet
Utah Dept. of Natural Resources
Phone: 801-538-5281
FAX: 801-359-3940
Date: April 1,2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

CONFIDENTIAL

Well name:	**01-02 El Paso NBU 405rev.**
Operator:	**El Paso Production Company**
String type:	Production
Project ID:	43-047-34407
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 0 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 3,413 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 6,318 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 167 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7300	4.5	11.60	K-55	LT&C	7300	7300	3.875	169.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3413	4960	1.45	3413	5350	1.57	85	180	2.13 J

Prepared by: Dustin Doucet, Utah Dept. of Natural Resources
Phone: 801-538-5281
FAX: 801-359-3940
Date: April 1,2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7300 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

006

CONFIDENTIAL

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	6. Lease Designation and Serial Number: U-01194-A
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals	7. Indian Allottee or Tribe Name:
	8. Unit or Communitization Agreement: Natural Buttes Unit
1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)	9. Well Name and Number: NBU #405
2. Name of Operator: El Paso Production Oil & Gas Company	10. API Well Number: 43-047-34407
3. Address of Operator: P.O. Box 1148 Vernal, Utah 84078 / 4. Telephone Number: (435) 781-7023	11. Field and Pool, or Wildcat: Natural Buttes
5. Location of Well Footage : 1051'FNL & 359'FEL QQ, Sec, T., R., M : NENE Section 27-T9S-R21E	County : Uintah State : Utah

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[X] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[ ] Other			

Approximate Date Work Will Start: Immediate

Date of Work Completion:

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

El Paso Production Oil & Gas Company requests authorization to amend the approved TD of 6500' to a TD of 7300'. Refer to the amended well bore schematic for the TD, Casing & Cementing Program.

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DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature: Katy Dow for Cheryl Cameron Title: Regulatory Analyst Date: 04/01/02

(State Use Only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4/11/02
BY:

(8/90) See Instructions on Reverse Side

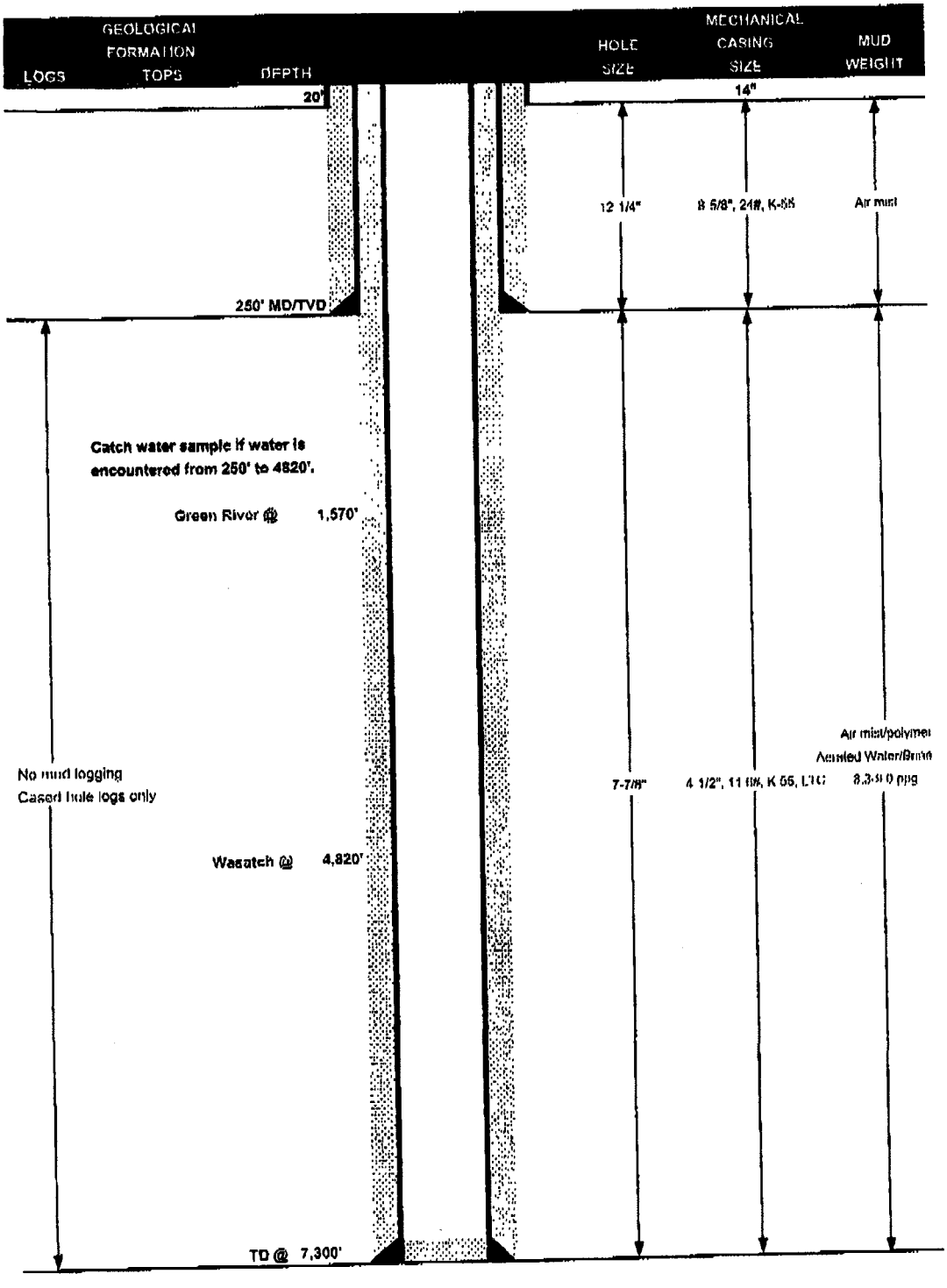
COPY SENT TO OPERATOR
Date: 4-2-02
Initials: CHD

elpaso Production

CONFIDENTIAL

DRILLING PROGRAM FOR SUNDRY

COMPANY NAME	El Paso Production Company	DATE	April 1, 2002
WELL NAME	NBU 405	TD	7,300' MD/TVD
FIELD	Natural Buttes	COUNTY Uintah STATE Utah	ELEVATION 4,941' KB
SURFACE LOCATION	1051' FNL, 359' FEL, NE/NE, SEC. 27, T9S, R21E		BHL Straight Hole
OBJECTIVE ZONE(S)	Wasatch		
ADDITIONAL INFO	Regulatory Agencies: UDOGM, BLM, Tri-County Health Dept.		



elpaso Production

DRILLING PROGRAM

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CASING PROGRAM

	SIZE	INTERVAL	WT	GR.	CPLG	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2950	1370	263000
SURFACE	8-5/8"	0-250'	24.00	K-55	STC	21.03	11.71	4.70
						5350	4960	180000
PRODUCTION	4 1/2"	0-TD	11.60	K-55	LTC	2.08	1.45	1.34

1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)

2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)

3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)

(Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 50000 lbs overpull)

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE		250	Premium Plus + 2% CaCl2 + 0.125 pps polyflake	140	35%	15.60	1.18
PRODUCTION	LEAD	4,320'	Hilift + 12% gel + 3% salt + 1% D79 + 0.5% D112 + 0.2% D46	400	60%	11.00	3.91
	TAIL	2,980'	50/50 Poz/G + 10% salt + 2% gel + 0.2% D46	840	60%	14.30	1.31

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

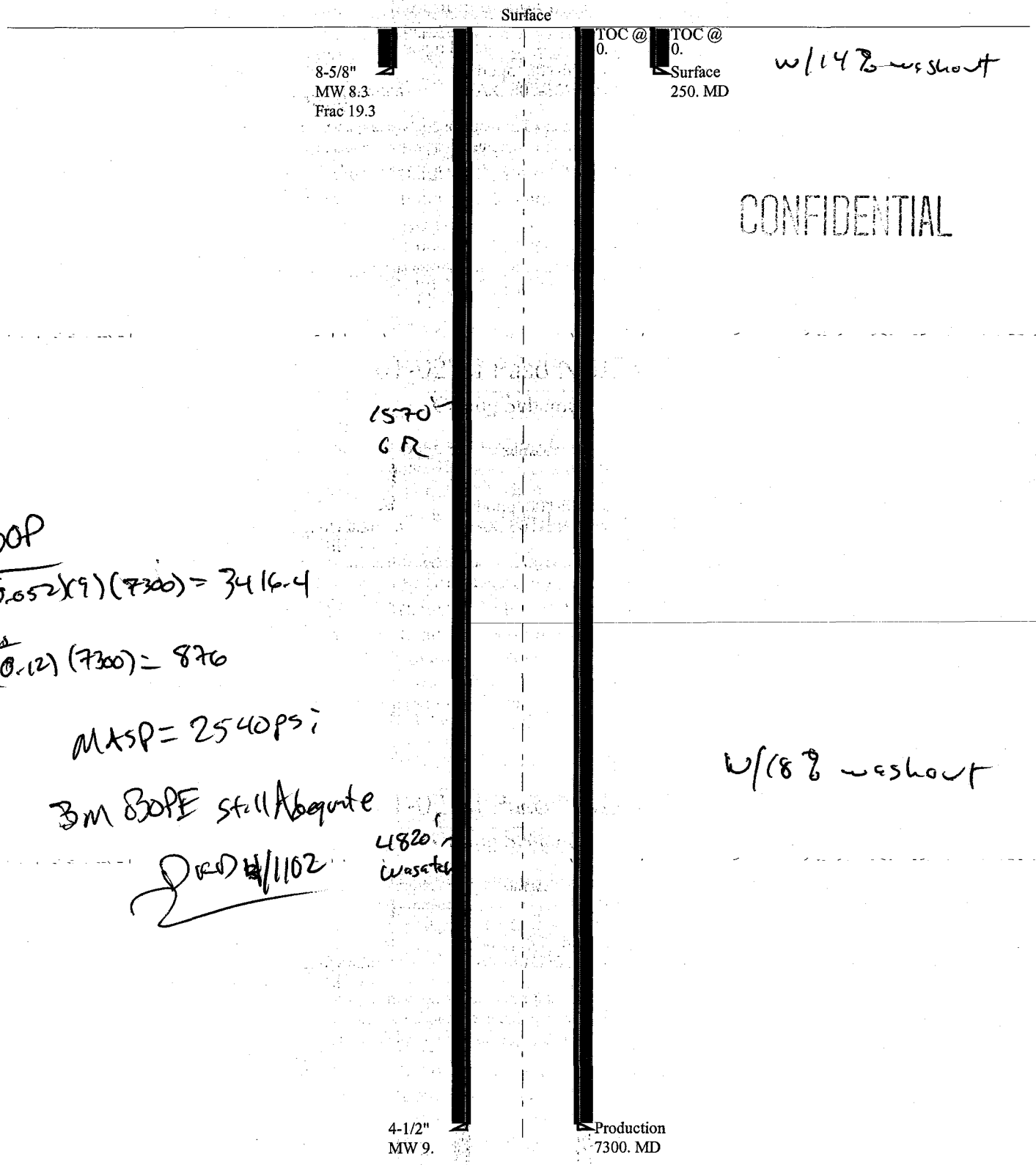
Run Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: Dan Lindsey **DATE:**

DRILLING SUPERINTENDANT: Larry Strasheim **DATE:**

01-02 El Paso NBU 405rev.

Casing Schematic



007

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

6. Lease Designation and Serial Number	U-01194-A
7. Indian Allottee or Tribe Name	
8. Unit or Communitization Agreement	Natural Buttes Unit
9. Well Name and Number	NBU #405
10. API Well Number	43-047-34407
11. Field and Pool, or Wildcat	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other (specify)
2. Name of Operator: El Paso Production Oil & Gas Company
3. Address of Operator: P.O. Box 1148 Vernal, Utah 84078
4. Telephone Number: (435) 781-7024
5. Location of Well
   Footage : 1051'FNL & 359'FEL
   QQ, Sec, T., R., M. : NENE Section 27-T9S-R21E
   County : Uintah
   State : Utah

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other SPUD	
☐ Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 3/28/02

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Ski Air Rig. Spud 12 1/4" Surface hole on 3/28/02 at 8:00 am.
Ran 8 5/8" 24# J-55 ST&C Csg to 264'. Cmt w/140 sx Class G @ 15.6 ppg Yield 1.17 Water
5 gal/Sk 2% CaCl2 .25#/Sk Cello Flake Drop Top Plug. Bump Plug.
Cmt to Surface. Hole Stayed Full.

WORT

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OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature: Sheila Upchego Title: Regulatory Analyst Date: 04/01/02

(State Use Only)

008

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

6. Lease Designation and Serial Number	U-01194-A
7. Indian Allottee or Tribe Name	
8. Unit or Communitization Agreement	Natural Buttes Unit
9. Well Name and Number	NBU 405
10. API Well Number	43-047-34407
11. Field and Pool, or Wildcat	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well: [ ] Oil Well [x] Gas Well [ ] Other (specify)
2. Name of Operator: El Paso Production Oil & Gas Company
3. Address of Operator: P.O. Box 1148 Vernal, UT 84078
4. Telephone Number: (435) 781-7023
5. Location of Well
   Footage : 1051' FNL & 359' FEL
   QQ, Sec, T., R., M : NENE Sec. 27, T9S, R21E
   County : Uintah
   State : UT

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[x] Other Drilling Summary	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 4/10/02

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Finished drlg f/ 264'-7000'. RIH w/ 7000' 4 1/2" 11.6# K-55 csg. Cmt Lead w/ 395 sx Hilift Class G mixed @ 10.0 ppg 1st 30 Bbls, then 11.0 ppg w/ 3.91 yield, Tail w/ 751 sx 50/50 Poz mixed @ 14.3 ppg w/ 1.31 yield.

Released Rig on 4/11/02.

14. I hereby certify that the foregoing is true and correct.

Name & Signature: Cheryl Cameron Title: Operations Date: 04/15/02

(State Use Only)

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(8/90)

See Instructions on Reverse Side

Form 9

009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

6. Lease Designation and Serial Number	U-01194-A
7. Indian Allottee or Tribe Name	
8. Unit or Communitization Agreement	Natural Buttes Unit
9. Well Name and Number	NBU 405
10. API Well Number	43-047-34407
11. Field and Pool, or Wildcat	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)

2. Name of Operator: El Paso Production Oil & Gas Company

3. Address of Operator: P.O. Box 1148 Vernal, UT 84078

4. Telephone Number: (435) 781-7023

5. Location of Well
Footage : 1051' FNL & 359' FEL
QQ, Sec, T., R., M : NENE Sec. 27, T9S, R21E
County : Uintah
State : UT

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[x] Other Production Start-Up	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 6/4/02

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was placed on sales @ 11:00 am on 6/4/02. Refer to the attached Chronological History Report.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites, as discussed in the approved APD.

RECEIVED
JUN 17 2002
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Name & Signature: Cheryl Cameron Title: Operations Date: 06/10/02

(8/90) See Instructions on Reverse Side

EL PASO
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU 405

DRILLING REPORT:

NBU, Uintah, UT Rig: El Paso 1 WI: 100% AFE: 059559 ATD: 6,500' SD: 4/5/02 Wasatch @ 4,855' **DHC: 240** /CWC: 587 /DC: 22/**CC: 152** 8 5/8" @ 264'

4/8/02	**TD: 5,365**	**MW: 8.6**	**795'/10.5 hrs**	**Drill to present depth. TFNB.**
4/9/02	**TD: 6,030**	**MW: 8.8**	**665'/16.5 hrs**	**TFNB. Drill to 5,962'. Trip for washout in DP. Drilling to present depth.**
4/10/02	**TD: 6,810**	**MW: 9.4**	**780'/21 hrs**	**Drilling to present depth.**
4/11/02	**TD: 7,000**	**MW: 10.0**	**190'/8.5 hrs**	**Drill to TD. C & C mud. LDDP. Run & cement 4 ½" production casing.**
4/12/02	**TD: 7,000**	**MW: 10.0**	**Set casing hanger. Install well cap. Rig released @ 1000, 4/11/02**	

FORMATION: WASATCH

5/24/02 **PERF WASATCH**
MIRU. NDWH & NUBOP. RIH W/BIT, 1 JT, SN & RIH ON 2-3/8" TBG TO PBTD @ 6960'. CIRC THE HOLE CLEAN W/2% KCL. POOH. TESTED 4-1/2 CSG TO 5000#. 8-5/8" CSG DID NOT TEST.

5/28/02 **FRAC ON 5/28/02**
RU WIRELINE. RIH W/3 3/8" EXPENDABLE GUN, LOADED W/23 GRAM CHARGES & PERF FROM 6770'-6760' (3 SPF, 30 HOLES). BREAK DN PERFS @ 3200#, ISIP: 900#, FG: 0.57. SPFD.

5/29/02 **DRILLING OUT PLUGS**
STAGE 1: PUMPED 588 BBLS YF115ST W/55,500# 20/40 SD. ISIP: 2174#, NPI: 1274#, FG: 0.76, MTP: 3021#, MTR: 26.8 BPM, ATP: 2328#, ATR: 22.3 BPM.
STAGE 2: RIH & SET CBP @ 6710'. PERF WASATCH FROM 6600'-6608', 4 SPF, 32 HOLES. BROKE DN PERFS @ 2462#. ISIP: 2123#, FG: 0.76. PUMPED 501 BBLS YF115ST W/45,000# 20/40 SD. ISIP: 1954#, NPI: 0#, FG: 0.73, MTP: 3473#, MTR: 25.3 BPM, ATP: 2568#, ATR: 22.9 BPM.
STAGE 3: RIH & SET CBP @ 6540'. PERF WASATCH FROM 6146'-6152', 4 SPF, 24 HOLES & 6120'-6124', 4 SPF, 16 HOLES. BROKE DN PERFS @ 2462#. ISIP: 2123#, FG: 0.54. PUMPED 570 BBLS YF113ST W/54,500# 20/40 SD. ISIP: 1510#, NPI: 847#, FG: 0.68, MTP: 2421#, MTR: 35.2 BPM, ATP: 2103#, ATR: 31.7 BPM.
STAGE 4: RIH & SET CBP @ 6060'. PERF WASATCH FROM 5834'-42', 4 SPF, 32 HOLES. BROKE DN PERFS @ 1149#. ISIP: 600#, FG: 0.54. PUMPED 440 BBLS YF113ST W/39,500# 20/40 SD. ISIP: 1761#, NPI: 1161#, FG: 0.74, MTP: 2105#, MTR: 25.2 BPM, ATP: 1836#, ATR: 22.5 BPM.
STAGE 5: RIH & SET CBP @ 5784'. PERF WASATCH FROM 5682'-5692', 3 SPF, 30 HOLES. BROKE DN PERFS @ 2114#. ISIP: 104#, FG:0.45. PUMPED 563 BBLS YF113ST W/51,580# 20/40 SD. ISIP: 1345#, NPI: 1241#, FG: 0.67, MTP: 1629#, MTR: 25.5 BPM, ATP: 1219#, ATR: 22 BPM. RIH & SET CBP @ 5620'. RD & RLS CUTTERS & SCHLUMBERGER. PU BIT, PUMP-OFF SUB, 1 JT, & SN. RIH TO 5600'. TLTR: 2662 BBLS.

5/30/02 **TURN OVER TO FLOW BACK CREW**
RU AIR FOAM UNIT & DRILL UP CBP @ 5620', 5 MIN, 200# DIFF. CO 44' SD & DRILL CBP @ 5784', 5 MIN, 50# DIFF. CO 90' SD & DRILL CBP @ 6060', 5 MIN, 100# DIFF. CO 40' SD & DRILL CBP @ 6540', 10 MIN, 300# DIFF. CO 30' SD & DRILL CBP @ 6710', 10 MIN, 100# DIFF. CO TO PBTD @ 6960'. CIRC HOLE CLEAN, PU & LAND TBG @ 6705', SN @ 6671'.
NDBOP. NUWH. DROP BALL & PUMP OFF BIT. RD RIG & EQUIPMENT. TURN OVER TO FLOWBACK CREW. FLOW: 500 MCFD (EST), 0 BO, [illegible] BW IN 24 HRS, FTP: 30-25#, SICP: 450-380#, TLTR: 2752 BBLS, TLR: 1035 BBLS, LTBR: 1717 BBLS.

5/31/02	SI WO FACILITIES. TLTR: 2752 BBLS, TLR: 1035 BBLS, LLTR: 1717 BBLS.
6/03/02	**SI WO FACILITIES.**
6/04/02	**SI WO FACILITIES.**
6/05/02	**PLACE ON SALES.** PLACE ON SALES 11:00 AM, 6/04/02. SPOT PROD DATA: CHK 20/64", FTP: 1300#, CP: 1269#, 5 BWPH, 1500 MCFPD.
6/06/02	**PLACE ON SALES.** FLWD 1058 MCF, 51 BW, FTP: 508#, CP: 783#, 64/64" CHK, 19 HRS, LP: 97#, TLTR: 2572 BBLS, TLR: 1086 BBLS, LLTR: 1486 BBLS.
6/07/02	**PLACE ON SALES.** FLWD 1565 MCF, 33 BW, FTP: 166#, CP: 631#, 64/64" CHK, 24 HRS, LP: 117#, TLTR: 2572 BBLS, TLR: 1119 BBLS, LLTR: 1453 BBLS.

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

010

5. Lease Serial No. U-01194-A

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. Natural Butes Unit

CONFIDENTIAL

2. Name of Operator
El Paso Production Oil & Gas Company

8. Lease Name and Well No. NBU 405

3. Address P.O. Box 1148 Vernal, UT 84078

3a. Phone No. *(include area code)* (435) 781-7023

9. API Well No. 43-047-34407

4. Location of Well *(Report locations clearly and in accordance with Federal requirements)**

At surface NENE 1051' FNL & 359' FEL

CONFIDENTIAL PERIOD EXPIRED ON 6-30-03

10. Field and Pool, or Exploratory NATURAL BUTTES

At top prod. interval reported below

11. Sec., T., R., M., or Block and Survey or Area Sec. 27, T9S, R21E

At total depth

12. County or Parish Uintah

13. State UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☐ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
03/28/02	04/11/02	05/30/02	4925' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
7000'	6960'	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-GR-CCL - DSI/CN/LDC, 4-23-02 DSI/CN/GR 4-23-02

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8	J-55 24#	0	264	264	140 Class G			
7 7/8	4 1/2	K-55 11.6#	0	7000	7000	395 Hilift			
						751 50/50 Poz			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
						2 3/8	6704	

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
WASATCH	5682	6760	5682-5692	3	30	
			5834-5842	4	32	
			6120-6124	4	16	
			6146-6152	4	24	
			6600-6608	4	32	
			6770-6760	3	30	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
5682-5692	Frac w/ 51,580# 20/40 sand
5834-5842	Frac w/ 39,500# 20/40 sand
6120-6152	Frac w/ 54,500# 20/40 sand
6600-6608	Frac w/ 45,000# 20/40 sand
6770-6760	Frac w/ 55,500# 20/40 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/04/02	06/06/02	24	→	0	1,565	33			Flowing
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Oil Gravity Corr. API**	**Well Status**	
64/64	SI 166#	631#	→	0	1565	33		Producing	

28a. Production - Interval B

CONFIDENTIAL

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Sold & Used For Fuel

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Green River	1,570	4,825			
Wasatch	4,825				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
5. Core Analysis
7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Cheryl Cameron Title Operations

Signature Cheryl Cameron Date 15-Jul-02

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

☼ U.S. GPO: 1999-573-624

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process.

Charles H Cameron

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 1 0 2003

IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, ($150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:02/27/2003

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER:
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
	8. WELL NAME and NUMBER: Exhibit "A"
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company	9. API NUMBER:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995 PHONE NUMBER: (832) 676-5933	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

RECEIVED
FEB 2 8 2003
DIV. OF OIL, GAS & MINING

EL PASO PRODUCTION OIL & GAS COMPANY

By: _____
Jon R. Nelsen, Attorney-in-Fact

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix TITLE Agent and Attorney-in-Fact

SIGNATURE _____ DATE 12/17/02

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SEE ATTACHED EXHIBIT "A"

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.
SEE ATTACHED EXHIBIT "A"

3a. Address
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7023

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED EXHIBIT "A"

11. County or Parish, State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other SUCCESSOR OF OPERATOR	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration ther
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc
Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 d
following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed
testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator
determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF. BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED
MAR 0 4 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
CHERYL CAMERON
Title
OPERATIONS
Signature
Date
March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by
Title
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW ✓
3. FILE

011

X Change of Operator (Well Sold) Designation of Agent/Operator

Operator Name Change Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):		**TO:** (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY		WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA		Address: P O BOX 1148
HOUSTON, TX 77064-0995		VERNAL, UT 84078
Phone: 1-(832)-676-5933		Phone: 1-(435)-781-7023
Account No. N1845		Account No. N2115

CA No. **Unit:** **NATURAL BUTTES**

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 68N2	26-09S-21E	43-047-31089	2900	STATE	GW	P
NBU 82N4	26-09S-21E	43-047-31236	2900	STATE	GW	PA
NBU 88V	26-09S-21E	43-047-31233	2900	STATE	GW	P
NBU 107	26-09S-21E	43-047-31916	2900	FEDERAL	GW	P
NBU 132	26-09S-21E	43-047-31938	2900	FEDERAL	GW	P
NBU 190	26-09S-21E	43-047-32232	2900	FEDERAL	GW	P
NBU 224	26-09S-21E	43-047-32516	2900	STATE	GW	P
NBU 223	26-09S-21E	43-047-32517	2900	STATE	GW	P
NBU 258	26-09S-21E	43-047-32791	2900	STATE	GW	P
NBU 259	26-09S-21E	43-047-32792	2900	STATE	GW	P
NBU 302	26-09S-21E	43-047-32877	2900	STATE	GW	P
NBU 303	26-09S-21E	43-047-32878	2900	STATE	GW	P
NBU 321	26-09S-21E	43-047-33202	2900	STATE	GW	P
NBU 395	27-09S-21E	43-047-34374	2900	STATE	GW	P
NBU 405	27-09S-21E	43-047-34407	2900	STATE	GW	P
NBU 214	27-09S-21E	43-047-32466	2900	STATE	GW	P
NBU 304	27-09S-21E	43-047-32879	2900	STATE	GW	P
NBU 305	27-09S-21E	43-047-32880	2900	STATE	GW	P
NBU 306	27-09S-21E	43-047-32860	2900	STATE	GW	P
NBU 109	27-09S-21E	43-047-31917	2900	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 03/06/2003

4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 03/12/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 03/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

012

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891008900A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Multiple Wells - see attached

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.
Multiple Wells - see attached

3a. Address
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-

10. Field and Pool, or Exploratory Area
Natural Buttes Unit

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Multiple Wells - see attached

9S 21E 27 43047344 07

11. County or Parish, State
Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of oringinal volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*
J.T. Conley

Title
Operations Manager

Signature

Date
9-2-2003

COPY SENT TO OPERATOR
Date: 9-16-03
Initials: CHD

SEP 10 2003
DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Federal Approval Of This Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted by the Utah Division of Oil, Gas and Mining

Date: 9/16/03

By:

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions: Fill in blue b[redacted]reas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for $/BF and $/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? N (Y or N)

	BEFORE $/Year	AFTER $/Year	DIFFERENCE $/Year
Gross Oil Revenue	$1,088	$1,099	$11
Gross Gas Revenue	$0	$0	$0
NGL Revenue	$0	$0	$0
PULLING UNIT SERVICE			$0
WIRELINE SERVICE			$0
SUBSURF EQUIP REPAIRS			$0
COMPANY LABOR			$0
CONTRACT LABOR	$0	$200	$200
CONTR SERVICE			$0
LEASE FUEL GAS	$0	$0	$0
UTILITIES - ELECTRICITY	$0	$0	$0
CHEMICAL TREATING			$0
MATERIAL & SUPPLY	$0	$150	$150
WATER & HAULING			$0
ADMINISTRATIVE COSTS			$0
GAS PLANT PROCESSING			$0
Totals	$0	$350	$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, $
Capital $	820/830/840	$1,200
Expense $	830/860	$0
Total $		$1,200

Oil Price	$ 23.00	$/BO
Gas Price	$ 3.10	$/MCF
Electric Cost	$ -	$ / HP / day
OPX/BF	$ 2.00	$/BF
OPX/MCF	$ 0.62	$/MCF

Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

Project Life:

Life = 20.0 Years

(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = ($2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment

See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

Gross Reserves:

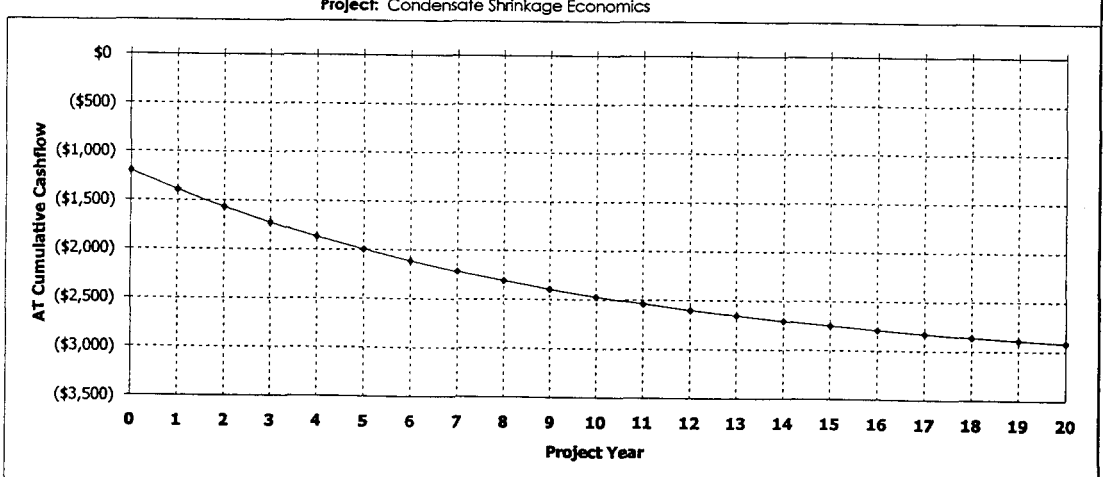
Oil Reserves = 6 BO

Gas Reserves = 0 MCF

Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.



COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				
Calculated at Laboratory Flash Conditions					
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%
Calculated Flash with Backpressure using Tuned EOS					
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.
(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.
(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.
Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO	
NBU 332	10-10-21 NWSW	UTU01416A	891008900A	4304733640000S1	
NBU 333	13-10-21 SWSW	ML23608	891008900A	4304733641000S1	✓
NBU 335	4-10-22 SENE	UTU01191	891008900A	4304733724000S1	
NBU 336	4-10-22 NWNE	U-01191	891008900A	4304734027000S1	
NBU 337	4-10-22 SENW	U-01191-A	891008900A	4304734020000S1	
NBU 338	5-10-22 NESE	UTU01191	891008900A	4304734058000S1	
NBU 339	5-10-22 NWSE	UTU01191	891008900A	4304734406000S1	
NBU 340	6-10-22 SWNE	UTU01195	891008900A	4304733725000S1	
NBU 340X	6-10-22 SWNE	UTU01195	891008900A	4304734015000S1	
NBU 341	6-10-22 SWNW	UTU464	891008900A	4304733726000S1	
NBU 342	7-10-22 NWSE	UTU468	891008900A	4304733727000S1	
NBU 343	8-10-22 NWNE	UTU01196C	891008900A	4304733719000S1	
NBU 344	8-10-22 SWNE	UTU01196C	891008900A	4304734021000S1	
NBU 345	10-10-22 SWNE	UTU02587	891008900A	4304733704000S1	✓
NBU 345-4E	4-10-21 SWSW	UTU01393B	891008900A	4304734700000S1	✓
NBU 347	11-10-22 NWSW	UTU01197A	891008900A	4304733709000S1	✓
NBU 348	11-10-22 SWSW	UTU01197A-ST	891008900A	4304734001000S1	
NBU 349	11-10-22 SWSE	UTU01197A-ST	891008900A	4304734002000S1	✓
NBU 350	14-10-22 NWNE	UTU01197A	891008900A	4304733642000S1	✓
NBU 351	30-10-22 SESE	UTU0132568A	891008900A	4304733668000S1	
NBU 352	9-9-21 SWNW	UTU0149767	891008900A	4304733922000S1	
NBU 353	27-9-21 SENW	U01194A	891008900A	4304733205000S1	✓
NBU 354	31-9-22 NENW	UTU464	891008900A	4304733231000S1	
NBU 356	30-9-22 NENW	U463	891008900A	4304733232000S1	
NBU 357	15-10-21 SWSW	UTU01791A	891008900A	4304733728000S1	
NBU 358	16-10-21 SESW	ML10755	891008900A	4304733708000S1	
NBU 359	29-10-21 NWNE	ML21330	891008900A	4304733706000S1	
NBU 360	29-10-22 SESW	UTU0145824	891008900A	4304733773000S1	
NBU 361	32-10-22 NWNW	ML22798	891008900A	4304733705000S1	✓
NBU 362	28-9-21 SESW	UTU0576	891008900A	4304733774000S1	
NBU 363	28-9-21 SESE	UTU0576	891008900A	4304733775000S1	
NBU 364	29-9-21 SESE	UTU0581	891008900A	4304733776000S1	
NBU 365	3-10-21 SESE	UTU0149078	891008900A	4304733777000S1	
NBU 366	10-10-21 NWNW	UTU0149079	891008900A	4304733729000S1	
NBU 367	11-10-22 NESW	UTU01197A-ST	891008900A	4304733707000S1	✓
NBU 370	17-9-21 NWSW	UTU0575	891008900A	4304734672000S1	✓
NBU 371	8-9-21 SWSE	UTU0575B	891008900A	4304734673000S1	✓
NBU 375	12-9-21 SWNE	UTU0141317	891008900A	4304734440000S1	✓
NBU 376	12-9-21 NENE	UTU0141317	891008900A	4304734441000S1	✓
NBU 377	31-9-21 NENW	UTU0582	891008900A	4304734363000S1	
NBU 378	31-9-21 NWNE	UTU0582	891008900A	4304734364000S1	
NBU 381	23-10-22 SESW	UTU01198B	891008900A	4304734234000S1	
NBU 382	22-10-22 SENW	U-01198-B	891008900A	4304734235000S1	
NBU 383	21-10-22 SESW	U-489	891008900A	4304734236000S1	
NBU 384	30-10-22 SENW	UTU0132568A	891008900A	4304734237000S1	✓
NBU 385	18-10-22 SENW	ML22973	891008900A	4304734228000S1	
NBU 386	17-10-22 NESE	UTU470	891008900A	4304734238000S1	
NBU 387	23-10-21 SWSE	U-02277-A	891008900A	4304734239000S1	
NBU 388	22-10-21 SENW	U-02278-A	891008900A	4304734240000S1	
NBU 389	28-10-21 NENE	ML21329	891008900A	4304734229000S1	
NBU 390	30-10-21 SESE	ML22793	891008900A	4304734230000S1	
NBU 391	17-9-21 NWNW	UTU0575	891008900A	4304734874000S1	
NBU 393	22-9-20 SWNW	U0577B	891008900A	43047348640S1	
NBU 394	11-10-22 SWSE	UTU01197A-ST	891008900A	4304734804000S1	✓
NBU 395	27-9-21 SWSW	UTU01194A-ST	891008900A	4304734374000S1	✓
NBU 396	33-9-21 NENW	UTU0576	891008900A	4304734480000S1	✓
NBU 397	26-10-20 NESW	UTU4476	891008900A	4304734365000S1	
NBU 398	18-10-21 NENW	UTU02270A	891008900A	4304734366000S1	
NBU 399	14-10-21 NWNW	UTU465	891008900A	4304734409000S1	
NBU 400	16-10-21 NENW	ML10755	891008900A	4304734794000S1	
NBU 401	23-10-21 NENE	UTU02278A	891008900A	4304734801000S1	
NBU 404	32-9-22 SWSE	ML22649	891008900A	4304734375000S1	✓
NBU 405	27-9-21 NENE	UTU01194A-ST	891008900A	4304734407000S1	✓
NBU 407	32-10-22 NENW	ML22798	891008900A	4304734318000S1	✓
NBU 408	31-10-22 NENE	UTU0143551	891008900A	4304734590000S1	✓
NBU 409	32-9-21 NWSW	ML48758	891008900A	4304734421000S1	✓
NBU 410	32-9-21 SWSW	ML48758	891008900A	4304734872000S1	
NBU 411	32-9-21 SESE	ML48758	891008900A	4304734422000S1	✓
NBU 412	32-10-22 SENW	ML22798	891008900A	4304734319000S1	✓
NBU 413	32-10-22 SWNW	ML22798	891008900A	4304734320000S1	✓
NBU 414	31-10-22 SENE	UTU0143551	891008900A	4304734387000S1	
NBU 414-20E	20-9-21 NWNE	U0143551/U0575	891008900A	4304734779000S1	
NBU 415-20E	20-9-21 SWNE	UTU0575	891008900A	4304734489000S1	✓
NBU 416	36-9-20 SESE	ML48757	891008900A	4304734423000S1	✓
NBU 418	12-9-21 NWNW	UTU0141317	891008900A	4304734777000S1	

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

CA No. **Unit:** **NATURAL BUTTES UNIT**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on:
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
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PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 1 0 2006
DIV. OF OIL, GAS & MINING

BLM BOND = CO1203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
Randy Bayne	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

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EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Brad Laney		5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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(Instructions on reverse)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: U-01194-A-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 405

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047344070000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1051 FNL 0359 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 27 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 6/1/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON 06/01/2011.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 6/14/2011

RECEIVED Jun. 14, 2011